## DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2007 BUDGET ESTIMATES SUBMISSION



# JUSTIFICATION OF ESTIMATES FEBRUARY 2006

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS BUDGET ACTIVITY 1

#### DEPARTMENT OF THE NAVY FY 2007 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: FEBRUARY 2006

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

				MILLIONS C	F DOLLAR	S		~
LINE NO ITEM NOMENCLATURE	CODE	FY QUANTITY	COST	FY QUANTITY	COST		COST	-
BUDGET ACTIVITY 01: PROC AMMO, NAVY								
NAVY AMMUNITION								
1 GENERAL PURPOSE BOMBS	A		180.6		133.6		119.6	U
2 JDAM	В	6930	151.1	3400	81.5	3400	84.0	U
3 AIRBORNE ROCKETS, ALL TYPES	A		34.0		26.6		15.5	U
4 MACHINE GUN AMMUNITION	A		30.5		23.4		16.1	U
5 PRACTICE BOMBS	А		53.3		55.8		44.6	U
6 CARTRIDGES & CART ACTUATED DEVICES	А		27.7		32.2		34.0	U
7 AIRCRAFT ESCAPE ROCKETS	А		10.6		10.7		11.0	U
8 AIR EXPENDABLE COUNTERMEASURES	А		60.6		67.3		72.9	U
9 JATOS	А		4.5		4.5		4.6	U
10 5 INCH/54 GUN AMMUNITION	А		23.1		26.1		24.5	U
11 76MM GUN AMMUNITION	А		2.8					U
12 INTERMEDIATE CALIBER GUN AMMUNITION	А				1.4		5.7	U
13 OTHER SHIP GUN AMMUNITION	А		19.9		35.7		21.8	U
14 SMALL ARMS & LANDING PARTY AMMO	А		45.2		38.2		32.6	U
15 PYROTECHNIC AND DEMOLITION	А		11.8		14.1		9.2	U
16 AMMUNITION LESS THAN \$5 MILLION	А		5.5		3.1		1.2	U
TOTAL PROC AMMO, NAVY			661.3		554.1		497.4	
TOTAL PROCUREMENT OF AMMO, NAVY & MARINE CORPS			661.3		554.1		497.4	

## Fiscal Year 2007 Budget Estimates Budget Appendix Extract Language

## PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$789,943,000, to remain available for obligation until September 30, 2009, of which \$19,600,000 shall be available for the Navy Reserve and Marine Corps Reserve. (Department of Defense Appropriations Act, 2006.)



EXPECT FEDERAL PROGRAMS TO PERFORM WELL. AND BETTER EVERY YEAR.



**PROGRAM**View Similar Programs

RATING
What This Rating Means

## PROGRAM ASSESSMENT

## **Marine Corps Expeditionary Warfare**

Expeditionary warfare is the temporary use of Marine Corps force in foreign countries. The expeditionary warfare program consists of specific investment programs for aviation assets, amphibious ships, weapons systems, equipment, vehicles, ammunition, and research and development.

#### NOT PERFORMING

#### **Results Not Demonstrated**

- The Department of Defense has not set long-term performance measures to guide program management and budgeting for expeditionary warfare. It does not have program measures that asses the most important aspects of expeditionary warfare and its strategic goals.
- The Department of Defense will review the Marine Corps' lift requirements, both sea and air, and other expeditionary warfare capabilities as part of its 2005 Quadrennial Defense Review.
- Marine Corps expeditionary warfare fulfills a distinct role in the national defense. While both the Army and Marine Corps constitute the Nation's land forces, each force provides unique and complementary capabilities for carrying out military missions. Maritime-based Marines provide a swift and effective means of responding to crises.

### IMPROVEMENT PLAN

About Improvement Plans

We are taking the following actions to improve the performance of the program:

 Developing a limited number of meaningful, long-term performance measures for the expeditionary warfare program.

#### **LEARN MORE**

- Details and Current Status of this program assessment.
- How all Federal programs are assessed.
- Learn more about Marine Corps Expeditionary Warfare.

		ı	BUDGET I	TEM JUST	TIFICATIO	N SHEET					DATE:	
			P-40							Februa	ry 2006	
APPROPRIATION/BUD	GET ACTIVI	TY				P-1 ITEM N	OMENCLAT	URE			-	
PROCUREMENT OF A	MMUNITION	, NAVY & MA	ARINE CORF	PS\BA 1		014500, GE	NERAL PU	RPOSE BOI	MBS			
Program Element for Co	ode B Items:					Other Relate	ed Program	Elements				
	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$966.3	Α	\$180.6	\$133.6	\$119.6	\$123.1	\$150.5	\$130.5	\$122.7	Cont	Cont	

#### MISSION DESCRIPTION:

The BLU-111 (FY 05, FY 06 and FY 07): The procurement is for expenditure replacement and to maintain war reserve. The BLU-111 A/B is a thermally protected 500 lb bomb filled with plastic bonded explosive (PBXN-109) to enhance its insensitivity.

The Laser Guided Bomb (LGB) guidance units and airfoils (FY 05, FY 06 and FY 07): Procurement will be combined with warheads and fuzes from inventory. These procurements are to accommodate training and improve the war reserve posture. The LGB production rate in FY05 was reduced to minimum sustaining rate.

The BSU-33 Conical Fins, BSU-86A/B Fins, BSU-85 Fins and MK 83 Conical Fins (FY 05, FY 06 and FY 07): Procurement is to replace expenditures and to maintain war reserve.

The BLU-110A/B (FY 05, FY 06 and FY07): The procurement is for expenditure replacement and to maintain war reserve. The BLU-110A/B is a 1,000 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

MK 77 Bombs (FY07): The procurement is to sustain training requirements over the FYDP to avoid further impact of an already degraded War Reserve stockpile.

The Product Improvement Program (PIP): The PIP effort is being used to continue investigation regarding hardware coating materials necessary in meeting the Environmental Protection Agency's more stringent requirements. The PIP funding increased to incorporate design changes to the bomb bodies and to incorporate a new explosive fill to improve an Insensitive Munitions performance.

PES/ILS: Production engineering support (PES) and Integrated Logistics Support (ILS) are continuing efforts in support of the procurement of GP bombs and ancillary components. These efforts include providing recommendations and assisting in rapid resolution of maintenance procedure discrepancies to achieve optimum asset readiness; audits, pre-award surveys, post award surveys, post award conferences, First Article Testing or any other technical problems which may arise. These funds are provided in parallel with the FY 05, FY 06 and FY 07 buy of end items.

Dual Mode Laser Guided Bombs (FY05, FY06, FY07): The funding for Dual Mode Laser Guided Bombs provides for a procurement of retrofit kits to integrate GPS/INS guidance to the LGB inventory.

FUZES: The fuze line in FY06 and FY07 was transitioned from JDAM to procure the FMU-143, FMU-139, DSU-33, FMU-140, FMU-159 and FMU-152.

Bomb Subcomponents: The Bomb Subcomponents line is created in FY05 through FY07 to procure Arming Wires, adapters, lugs, nose plugs, etc.

P-1 SHOPPING LIST

CLASSIFICATION:

#### **UNCLASSIFIED** CLASSIFICATION:

Exhibit F	P-5 Cost Analysis						Weapon Syst	em					DATE: February 2006
APPROF	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATUR	 E				1 051 041 7 2000
	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						014500, GENI						
	1						,		Dollars in Thou	usands			
Cost													
Code	Element of Cost	ID	Prior Years		FY 2005			FY 2006			FY 2007		
		Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
	GENERAL PURPOSE BOMBS SUBTOTAL					<u>167,053</u>			<u>110,911</u>			99,879	
Q2010	BSU-33 CONICAL FINS (F782)	Α	_	26,000	83.47	2,170	26,000	85.04	2,211	10,000	86.56	866	
Q2020	BSU-86A/B	Α	_	3,103	1,136.23	3,526				22,016	1,174.66	25,862	
Q2031	BSU-85	Α	_	1,260	4,203.67	5,297	10,100	4,308.76	43,518				
Q2032	FMU-139 FUZE	Α	_	9,164	872.87	7,999	8,665	807.70	6,999	13,000	827.89	10,763	
Q2170	MK 83 CONICAL FINS	Α	_	5,000	178.31	892	4,000	181.27	725	3,000	184.39	553	
Q2191	BLU-111A/B PBX LOAD (F289)	Α	_	24,054	2,520.78	60,635	3,263	2,619.03	8,546	4,254	2,677.18	11,389	
Q2192	BLU-110A/B PBX LOAD (F288)	Α	_	3,123	5,419.00	16,923	2,000	5,526.32	11,053	1,929	5,649.53	10,898	
Q2194	MK 77 BOMBS	Α	_	496	3,727.82	1,849	500	3,790.00	1,895	500	3,884.00	1,942	
Q2196	Fuzes (Note 1)	Α	_	12,675	1,070.84	14,080	1,888	2,050.00	3,871	4,606	2,101.14	9,678	
Q2197	Bombs Subcomponents	Α	_			4,687			5,125			5,253	
Q2198	DUAL MODE LGB (Note 2)	Α	_	3,583	9,998.00	48,995	2,601	10,368.00	26,968	2,272	9,980.00	22,675	
	LASER GUIDED BOMB KITS SUBTOTAL					<u>800</u>							
Q2181	GUIDANCE UNIT MAU-169 (FW94)	Α	_			800							
	, ,												
	ILS SUBTOTAL					<u>286</u>			600			600	
Q2800	Other ILS (GP BOMBS)					286			600			600	
	, , ,												
	PES/NAVY SUBTOTAL					9,072			21,351			18,332	
Q2830	OTHER PES (GP BOMBS)					2,830			4,411			3,831	
Q2830	PES (FUZES)					3,417			5,111			5,239	
Q2830	PES (GBU & LGB)					2,825			11,829			9,262	
	,					,			,			-, -	
	OTHER SUBTOTAL					3,401			710			<u>750</u>	
Q2850	PRODUCT IMPROVEMENT PROGRAM (PIP)					2,914			200			100	
Q2892	NON-STANDARD ITEMS					100			100			200	
Q2893	RENOVATION COMPONENTS					150			160			200	
Q2894	GAGING					237			250			250	
	TOTAL		966,271			180,612			133,572			119,561	
			,			,			,,			-,	

NOTE 1: FY05 Fuzes (DSU-33) total dollars include \$507K for power cables for Navy.

NOTE 2: FY05 Dual Mode LGB total cost includes Non-recurring engineering cost of \$13,172K.

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	IG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	006
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLA	TURE			SUBHEAD
PROCUREMENT OF AM	IMUNITION,	NAVY & MARIN	IE CORPS\BA 1			014500, GENERAL PURPO	SE BOME	s		J1Q2
		Unit Cost			Contract Method &			Date of First	Specs	Date Revisions
Cost Element/FiscalYear	Qty	(\$000)	Location of PCO	RFP Issue Date	Туре	Contractor and Location	Award Date	Delivery	Available Now	Available
GENERAL PURPOSE BOMBS										
BLU-110A/B PBX LOAD										
2005	3,123	5,419.00	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER, AAP MCALESTER, OK	4/30/2005	9/30/2006	YES	
2006	2,000	5,526.32	JMC ROCK ISLAND, IL	10/30/2005	C-FP	MCALESTER, AAP MCALESTER, OK	4/30/2006	6/30/2007	YES	
2007	1,929	5,649.53	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	3/31/2007	3/31/2008	YES	
BLU-111A/B PBX LOAD (F289)										
2005	24,054	2,520.78	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	4/30/2005	9/30/2006	YES	
2006	3,263	2,619.03	JMC ROCK ISLAND, IL	10/30/2005	C-FP	MCALESTER,AAP MCALESTER,OK	4/30/2006	9/30/2007	YES	
2007	4,254	2,677.18	JMC ROCK ISLAND, IL	OPTION	C-FP	MCALESTER,AAP MCALESTER, OK	3/31/2007	8/31/2008	YES	
BSU-33 CONICAL FINS (F782)										
2005	26,000	83.47	JMC ROCK ISLAND, IL	OPTION	C-FP	MTD, Greenville, TN	1/30/2005	4/30/2005	YES	
2006	26,000	85.04	JMC ROCK ISLAND, IL	11/30/2005	C-FP	UNKNOWN	2/28/2006	2/28/2007	YES	
2007	10,000	86.56	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2007	2/28/2008	YES	
BSU-85										
2005	1,260	4,203.67	JMC ROCK ISLAND, IL	11/30/2004	C-FP	UNKNOWN	1/30/2005	1/30/2007	YES	
2006	10,100	4,308.76	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2006	4/30/2007	YES	

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	NG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	006
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLAT	URE			SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	IE CORPS\BA 1			014500, GENERAL PURPO	SE BOMB	s		J1Q2
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
DCII 964/D										
<u>BSU-86A/B</u> 2005	3,103	1,136.23	JMC ROCK ISLAND, IL	OPTION	C-FP	CAPCO, INC. Grand Junction,	1/30/2005	6/30/2007	YES	
2007	22,016	1,174.66	JMC ROCK ISLAND, IL	10/30/2006	C-FP	UNKNOWN	4/30/2007	4/30/2008	YES	
DUAL MODE LGB										
2005	3,583	9,998.00	NAVAIR	6/22/2005	C-FP	Lockheed Martin Corp.,	9/30/2006	2/28/2007	YES	
2006	2,601	10,368.00	NAVAIR	OPTION	C-FP	Lockheed Martin Corp.	9/30/2006	4/30/2007	YES	
2007	2,272	9,980.00	NAVAIR	OPTION	C-FP	Lockheed Martin Corp.	3/30/2007	9/30/2007	YES	
FMU-139 FUZE										
2005	9,164	872.87	NAVAIR	OPTION	C-FP	ATK, Rocket Center, WV	1/30/2005	12/30/2006	YES	
2006	8,665	807.70	NAVAIR	OPTION	C-FP	ATK, Rocket Center, WV	3/30/2006	12/30/2007	YES	
2007	13,000	827.89	NAVAIR	UNKNOWN	C-FP	UNKNOWN	1/30/2007	12/30/2008	YES	
<u>Fuzes</u>										
2005	12,675	1,070.84	EGLIN AFB, FL	1/30/2004	C-FP	ATK, Rocket Center, WV	6/8/2005	5/30/2006	YES	
2006	1,888	2,050.00	UNKNOWN	UNKNOWN	C-FP	UNKNOWN	3/30/2006	2/28/2007	YES	
2007	4,606	2,101.14	UNKNOWN	UNKNOWN	C-FP	UNKNOWN	1/30/2007	2/28/2008	YES	
MK 77 BOMBS										
2005	496	3,727.82	JMC ROCK ISLAND, IL	OPTION	C-FP	Triumph Engineering, Phoenix, AZ	4/30/2005	5/30/2006	YES	
2006	500	3,790.00	JMC ROCK ISLAND, IL	12/30/2005	C-FP	UNKNOWN	4/30/2006	4/30/2007	YES	
2007	500	3,884.00	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	2/28/2007	9/30/2007	YES	

BUDGET PROCUREME	NT HISTORY	AND PLANNIN	IG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 20	006
B. APPROPRIATION/B	UDGET ACT	TVITY				C. P-1 ITEM NOMENCLA	TURE		,	SUBHEAD
PROCUREMENT OF AM	IMUNITION,	NAVY & MARIN	IE CORPS\BA 1			014500, GENERAL PURPO	SE BOMB	s		J1Q2
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
MK 83 CONICAL FINS										
2005	5,000	178.31	JMC ROCK ISLAND, IL	OPTION	C-FP	MTD, Greeneville, TN	1/30/2005	5/30/2006	YES	
2006	4,000	181.27	JMC ROCK ISLAND, IL	12/30/2005	C-FP	UNKNOWN	2/28/2006	4/30/2007	YES	
2007	3,000	184.39	JMC ROCK ISLAND, IL	OPTION	C-FP	UNKNOWN	1/30/2007	7/30/2007	YES	

Y2007 PRESIDENT BUDGET PRO		N S	CHEDU	LE, P2	1									\\/\	- Court			DATE										Febru	ary 200
APPROPRIATION/BUDGET ACTIVI  PROCUREMENT OF AMMUNITION		& MA	ARINE C	ORPS										vveapo	on Syst	em			EM NO				POSE	вом	BS				
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DUAL MODE LGB	LOC		ED MAI		011	1500		4000		8000			10 001			12			7 7			6			19			E	ouic
ITEM / MANUFACTURER				D	В			FISCA	LYEAR 2	2005													FISCAL	'EAR 2006					
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ual Mode LGB		N																											
Lockheed Martin	05		3583	0	3583																							А	358
Lockheed Martin	06		2601	0	2601																							А	260
Lockheed Martin	07		2272	0	2272																								227
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ITEM / MANUFACTURER	F	s	Q	D	В		2006						CAI	ENDAR	YEAR 200	07								CALEND	AR YEAR	R 2008			
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ual Mode LGB		N																											
Lockheed Martin	05		3583	0	3583					597	597	597	597	597	598														0
Lockheed Martin	06		2601	0	2601							520	520	520	520	521													0
Lockheed Martin	07		2272	0	2272						Α						568	568	568	568									0
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DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION:

311/244 ITEM NO. 1 PAGE 6 UNCLASSIFIED

	ET PRODUCTION SCHEDU	ILE, P-21	1												DATE									Fel	bruary	2006	
APPROPRIATION/BUDGET A												Weapo	on Sys	tem		EM NON											
PROCUREMENT OF AMMUN	ITION, NAVY & MARINE C	ORPS												_		0, Gener	al Purp	ose Bo	mbs								
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Item		ame and	Location				1-8	-5	MAX		to Oct	1		Oct 1		Mfg PL	Γ	N.	Vlfg PLT			Total			N.	/leasure	
BLU-111A/B	MCALESTER					14400			57600					7		17						24				E	
BSU-86A/B	CAPCO, CO					7200			36000					7		12						19				E	
BSU-85	UNK					7200			18000					4		15						19				E	
BLU-110A/B	MCALESTER					14400			57600					7		14						21				Е	
Fuzes	ATK, Rocket Center, W	/				12000	24000		30000					4		13						17				Е	
							FISCAL YEA	AR 2005												FISCAL	YEAR 200	ô					
ITEM / MANUFACTURER	F	s	Q	D	В			1				CALEN	NDAR YE	AR 2005							CALE	NDAR YE	AR 2006				1
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BLU-111A/B		N																									
MCALESTER	04		25,333	0	25,333									211	1 2111	2111	2111	2111	2111	2111	2111	2111	2111	2111	2112		0
MCALESTER	05		24,054	0	24,054		1	1		А	1				_	1			1	1		1				2004	22,05
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BLU-110A/B	07	N	4,254	0	4,254			1								-				-							4,254
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MCALESTER	05		3,123	0	3,123			1		А								<b>.</b>								3123	0
MCALESTER	06		2,000	0	2,000			t			1		t			1			1	1	A	1					2,000
MCALESTER	07		1,929	0	1,929						1					1			1	1		1					1,929
BSU-86A/B		N																									
CAPCO, CO	05		3,103	0	3,103			Α																		0	3,103
UNKNOWN	07		22,016	0	22,016																						22,016
BSU-85 UNKNOWN	05	N	1,260		1,260			٠.																			1,260
UNKNOWN	06		1,260	0	1,260			Α								-		A		-							1,260
FUZES	00	N	10,100	- 0	10,100			1 -								+		^		-							10,100
ATK	05		12,675	0	12,675			1				Α						<b>.</b>				1070	1070	1070	1070	1070	7,325
UNKNOWN	06		1,888	0	1.888													А									1,888
UNKNOWN	07		4,606	0	4,606			1										- ` -									4,606
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ITEM / MANUFACTURER	F	S	Q	D	В	200	6					CALEN	NDAR YE	AR 2007							CALE	NDAR YE	AR 2008				
	Y	V	T	E	A	O N C O	D	J	F 1	A N	M	J	J	A S	0	N	D E	J	F	М	A	М	J	J	Α	S	B A
		C	Y	L	L	C O	E	A N	E A	A P	A	U	U	U E	C	O	E C	A N	E	A	P	A	U	U	U	E	L
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BLU-111A/B		N			<u> </u>			<u></u>				<u> </u>	<u> </u>					L	<u></u>			<u> </u>					
MCALESTER	05		24,054	2004		2004 2004	2004	2004	2004 20	04 2004	2004	2004	2004														0
MCALESTER	06		3,263	0	3,263			1	<u> </u>		+		<b>.</b>	200	0 1263		<del>                                     </del>		-	1		<del>                                     </del>			2054	2000	0
MCALESTER BLU-110A/B	07	N	4,254	0	4,254	<b>.</b>	-	1	/	A	+			-	_	1			1	1		-			2254	2000	0
MCALESTER	06	N	2.000	0	2.000	<del>                                     </del>		+	-	_	+-	2000	1	<del>                                     </del>		+	-	<del>                                     </del>	+	+		+					0
MCALESTER	07		1,929	0	1,929	1	+	+		A .	+	2000	<del>                                     </del>		_	+	<del>                                     </del>	<del>                                     </del>	+	1929		+					0
BSU-86A/B		N	.,020	Ť	.,020			1		1	1					+			1	.520		1					† Ť
CAPCO, CO	05		3,103	0	3,103						1	3103	1						1	1		1					0
UNKNOWN	07		22,016	0	22,016					Α											1895	1895	1895	1895	1895	1895	10,646
BSU-85		N																									
UNKNOWN	05		1,260	0	1,260			1260					L														0
UNKNOWN	06		10,100	0	10,100			1		2000	2000	2000	2000	2100		1			1								0
FUZES	05	N	40.675	5.050	7 225	4070 4070	4070	4070	4070 40	70 005	+			-	_	1			1	1		-					-
ATK UNKNOWN	05 06		12,675 1,888	5,350 0	7,325 1,888	1070 1070	1070	1070	1070 10 944 94		+		<b>.</b>	-		+	-	-	+	+		+	-	$\vdash$			0
UNKNOWN	06		1,888 4,606	0	4,606	1	1	А	944 9	***	+	-	1		_	+	1	<b>!</b>	2303	2303	ļ	+					0
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DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION:

311/244 ITEM NO. 1 PAGE 7 UNCLASSIFIED

FY2007 PRESIDENT BUDGE APPROPRIATION/BUDGET A PROCUREMENT OF AMMUN	CTIVIT	Y											Weap	on Sys			0145	00, Ge	NOMI neral F	ENCL/ Purpos	ATUR se Bom	E nbs				F	ebruar	y 2006	
Item		1	Manufacti		ı	MSR	Produc	tion Ra -8-5		IAX		ALT Pri			ALT A Oct			dtimes Initial Mfg PL	Т		Reorder Mfg PLT			Total				Unit of Measure	
FMU-139 Fuze			Unknown			12,000	24	1,000	74	,400					6			21						27				Е	
				1			FISC	AL YEAR	2005													FISCA	AL YEAR 20	106					
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	O N C O T V	E	J A N	F E	M A	A P	M A	J	J	AR 2005	S	O C T	N O V	D E	J A	F E	M A	A P	М	/EAR 2006 J U	J U L	A U	S E	B A L
THU 400 F	_	L.,				T V	С	N	E B	A R	R	A Y	N	L	G	Р	Т	V	С	N	В	R	R	A Y	N	L	G	P	
MU-139 Fuze ATK	05	N	9,164	0	9164			Α						<b>-</b>												<b>-</b>			9,164
UNKNOWN	06		8,665	0	8665									1								Α				1			8,665
UNKNOWN	07		13,000	0	13,000																								13,000
										FISCAL '	YEAR 20	007										FISCA	AL YEAR 20						
ITEM / MANUFACTURER	F	s	Q	D	В	2	006						CALEN	NDAR YE	AR 2007								CAI	LENDAR '	/EAR 2008				
	Υ	V	T	E	Α	O N C O	D	J	F	M	Α	М	J	J	Α	s	0	N	D	J	F	M	Α	M	J	J	Α	s	В
		С	Y	L	L	СО	E	J A N	E B	A R	P	A Y	U	U	U	E	С	0	E	Α	E	Α	P	Α	U	n n	U	E	A L
						T V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Υ	N	L	G	P	
MU-139 Fuze		N																								1			
ATK	05	1	9,164	0	9164		4789	)	4375																				0
ATK UNKNOWN	06 07	1	8,665 13,000	0	8665 13,000			Α			-			1			1		4333	4332						1			13,000
UNKNOWN	07	1	13,000	U	13,000			А			-			1										-		1	-		13,000
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		<b>—</b>								-		ļ	ļ						1					-		1			<b>I</b>
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	-							1	1	+				<del>                                     </del>		-	<del>                                     </del>		<del>                                     </del>					+		1			1
	1			1	1		-	1		1				t	1		1	1	1	1	1			†		1	1		1
	1			1				1		1				1			1			1				1		1			1
Remarks:																													

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION:

311/244 TIEM NO. 1 PAGE 8 UNCLASSIFIED

FY 2007 PRESIDENT BUDGI			E, P-21														DATE					Febr	uary 2	2006				
APPROPRIATION/BUDGET A PROCUREMENT OF AMMUN			RPS										W	/eapon Sy					OMEN	CLATU	RE	01450	00, GE	NERAL	PURI	POSE	вомв	s
							Pro	oduction	n Rate							Procuremen	Lead											
Item			nufacturer's and Locatior	n		MS	R	1-8-	5	MA	X		ALT Pri to Oct			LT After Oct 1		Initial Mfg PL			Reord Mfg P			Total			Unit Meas	
SU-86A/B		CO,CO					7200 15			360						7		12						19				E
MU-139 Fuze	Unkn	own				<del>                                     </del>	200 380			620	0					6	<u> </u>	21						27				E
ITEM / MANUFACTURER	F	s	Q	D	В	2008	FIS	SCAL YEA	AR 2009				CALI	ENDAR YEAR	2009							FISCAL YE		R YEAR 201	10			-
	Y	v C	T Y	E L	A L	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J	A S U E G P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	JU	U	S B A L
						+ +		Ť					·				Ė									_		
SU-86A/B UNKNOWN	07	N	22,016	11,370	10,646	1,895	1895 1	1895	1895	1895	1171																	0
MU-139 FUZE UNKNOWN	07	N	13,000	0	13,000		2	2166	2166	2166	2166	2166	2170															(
ITEM / MANUFACTURER	F	s	Q	D	В										_		<u> </u>											
	Y	v C	T Y	E L	A L	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	N N	n n	A S U E G P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	U	S E L
			l .																									

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION:

311/244 TIEM NO. 1 PAGE 9 UNCLASSIFIED

## **UNCLASSIFIED**

	BUD	GET IT	EM JUSTIFICATION	N SHEET			DATE:				
			P-40					F	ebruary 20	06	
APPROPRIATION/BUDGE	T ACTIVIT	Υ	BA-1			P-1 ITEM NO	OMENCLATU	RE			
PROCUREMENT OF	AMMUNI	TION, I	NAVY & MARINE C	ORPS		014800, J	OINT DIRE	CT ATTAC	K MUNITIC	N (JDAM)	
Program Element for Code	B Items:					Other Relate	ed Program Ele	ements			
							NONE				
	Prior	ID								То	
	Years	Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY	43,786	Α	6,930	3,400	3,400	1,500	1,500	1,500	1,500	0	63,516
COST (\$M)	1000.3		151.1	81.5	84.0	41.5	43.9	44.7	46.4	0.0	1493.4
Initial Spares (\$M)											
Total (\$M)	1000.3		151.1	81.5	84.0	41.5	43.9	44.7	46.4	0.0	1493.4
Unit Cost (\$M)	0.023		0.022	0.024	0.025	0.028	0.029	0.030	0.031		0.024
DERF Quantity - Non Add	7,890										7,890
DERF Dollars - Non Add	161.1										161.1

MISSION AND DESCRIPTION Operation Desert Storm confirmed the need for a more accurate weapon delivery capability in adverse weather conditions and from medium/high altitudes. Failure to satisfy this requirement will allow the enemy to continue to take advantage of the sanctuary of weather and/or prevent US air power from prosecuting a conflict on its terms. JDAM is an Air Force and Navy munitions program to correct these shortfalls, with the Air Force as the executive service. JDAM upgrades the existing inventory of general purpose bombs (MK 84, BLU-109/B, MK83, and MK82) by integrating them with a guidance kit consisting of a global positioning system aided inertial navigation system (GPS/INS). JDAM will provide an accurate (13 meters) adverse weather capability. JDAM is integrated with the B-52, B-2, B-1B, F-16, F/A-18C/D/E/F and F-14 aircraft, with follow-on integration on the F-15E, F-22, A-10, and AV-8B. The Navy is responsible for fielding a JDAM All-Up-Round (AUR) system; procuring components as required to satisfy that system (tail kits, fuzes and arming systems, warheads, and support equipment). FY03 and FY04 quantities were increased to meet wartime surge. FY05 through FY11 reflect quantities necessary to meet Non Nuclear Ordnance Requirements (NNOR). Selective Availability Anti-Spoofing Module (SAASM) will be incorporated into the FY 2005 production quantities, to be delivered in FY 2006. Beginning in FY05, Fuze money moved to the Navy's GP Bombs PE 014500. The JDAM FY06 and FY07 procurements support a contractually agreed minimum sustaining rate. The JDAM contractual agreement ends in FY07. A portion of the FY07 ECO will be utilized to determine the feasibility of integrating Laser JDAMs on Navy platforms.

The total production buy for JDAM is 199,190 units (135,674 for USAF and 63,516 for Navy, not including any DERF). There is no requirement for initial spares because of the 20 year warranty.

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 2 PAGE NO. 1

	WEAPONS SYSTEM P-5		YSIS			Weapon Syste	m							DATE: February 2006	
	ATION/BUDGET ACTIVITY ENT OF AMMUNITION, NAVY & MARINE CORPS					ID Code	P-1 ITEM NOME 0148000, JO			UNITION (JI	DAM)		•	-	
	Ammunition					Α				• • •	,				
			TOTAL COST IN THOUS	SANDS OF DO	DLIARS		I								
COST	ELEMENT OF COST	ID	Prior					FY 2005			FY 2006			FY 2007	
CODE		Code	Years												
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE	Α	872,610				6,930	20,164	139,737	3,400	20,658	70,237	3,400	21,364	72,638
JD200	FUZES (Note 1)	Α	36,679												
JD300	WARHEAD		28,363												
JD100	ENGINEERING CHANGE ORDERS (ECO)(N	Note 2)	<u>0</u>						2,731			<u>1,110</u>			4,288
	TOTAL RECURRING FLYAWAY		937,652				6,930	20,558	142,468	3,400	20,984	71,347	3,400	22,625	76,926
JD100	SCHEDULE ACCELERATION		1,457						0			0			0
JD830	PRODUCTION TECH SUPPORT		35,625						5,149			5,552			4,330
JD630 JD100	CONTRACTOR INCENTIVE		8,378						1,400			702			4,330 726
									,						
JD840	PRODUCTION TEST		3,127						647			2,346			762
JD100	AIRBORNE TEST EQUIPMENT		1,508						800			800			530
JD850	DATA		2						0			0			0
JD700	CABLES		720						0			0			0
	TOTAL NON-RECURRING		50,817						7,996			9,400			6,348
	TOTAL WEAPON FLYAWAY		988,469				6,930	21,712	150,464	3,400	23,749	80,747	3,400	24,492	83,274
JD940	LOAD/BUILDUP TRAINERS		857						0			0			0
JD960	TEST EQUIPMENT		4,350						0			0			0
JD970	ILS		5,585						507			598			580
JD990	TRAINING		794						97			99			102
JD920	DATA (TECHNICAL)		275						56			57			58
	TOTAL FLEET SUPPORT		11,861						660			754			740
	TOTAL WEAPON SYSTEM		1,000,330				6,930	21,807	151,124	3,400	23,971	81,501	3,400	24,710	84,014
	TOTAL WEAFON STSTEW		1,000,330				0,930	21,007	131,124	3,400	23,971	61,501	3,400	24,710	64,014
	TOTAL PROGRAM COST		1,000,330				6,930	21,807	151,124	3,400	23,971	81,501	3,400	24,710	84,014
	DERF (NON-ADD)									,					
JD100	AIR VEHICLE		157,866		Notes:										
JD200	FUZES		3,055		1. FY2005 -	FY2011 Fu	ze money is ir	GP Bombs	PAN.MC bud	daet (P-1 Lin	e Item #1).				
JD100	CONTRACTOR INCENTIVE		166				ECO will be u			• .	,	ser JDAMs o	n Navy platfo	orms.	
JD830	PRODUCTION TECH SUPPORT		0		2.71 portion	00 0.	200 50 0	200 10 001		acionity of in	g.ag _a.	30. 02			
	TOTAL DERF		161.087												

DD FORM 2446, JUN 86 P-1 SHOPPING LIST

CLASSIFICATION:

## **UNCLASSIFIED**

EMENT HISTO	RY AND	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE February 2	2006	
	N, NAVY	BA-1 & MARINE CORPS				UNITION		SUBHEAD	
				014800, JOI	NI DIRECTATIACK IV	IUNITION			
QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
								N/A(I)	
6,930	20,164	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 05	Mar 06	N/A <sup>(1)</sup>	N/A
3,400	20,658	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 06	Mar 07	N/A <sup>(1)</sup>	N/A
3,400	21,364	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 07	Mar 08	N/A <sup>(1)</sup>	N/A
	ET ACTIVITY F AMMUNITIC  QUANTITY  6,930  3,400	QUANTITY UNIT COST (000)  6,930 20,164  3,400 20,658	ET ACTIVITY F AMMUNITION, NAVY & MARINE CORPS  QUANTITY UNIT COST OF PCO  6,930 20,164 USAF AAC/YU EGLIN AFB, FL  3,400 20,658 USAF AAC/YU EGLIN AFB, FL	QUANTITY         UNIT COST (000)         LOCATION OF PCO         RFP ISSUE DATE           6,930         20,164         USAF AAC/YU EGLIN AFB, FL           3,400         20,658         USAF AAC/YU EGLIN AFB, FL           3,400         21,364         USAF AAC/YU	ET ACTIVITY BA-1 F AMMUNITION, NAVY & MARINE CORPS    QUANTITY	ET ACTIVITY F AMMUNITION, NAVY & MARINE CORPS  C. P-1 ITEM NOMENCLATURE  O14800, JOINT DIRECT ATTACK N  CONTRACT METHOD & TYPE  AND LOCATION OF PCO  OF PCO  AND LOCATION FFP  Boeing St. Louis, MO  3,400  20,658  USAF AAC/YU EGLIN AFB, FL  TFP  Boeing St. Louis, MO  TFP  Boeing St. Louis, MO  FFP  Boeing St. Louis, MO  TFP  Boeing St. Louis, MO	ET ACTIVITY BA-1 F AMMUNITION, NAVY & MARINE CORPS    QUANTITY	ET ACTIVITY BA-1 F AMMUNITION, NAVY & MARINE CORPS  C. P-1 ITEM NOMENCLATURE  014800, JOINT DIRECT ATTACK MUNITION  CONTRACT METHOD AND LOCATION DATE  G. P-1 ITEM NOMENCLATURE  CONTRACT METHOD AND LOCATION DATE  FFP Boeing St. Louis, MO  Mar 05 Mar 06  St. Louis, MO  3,400 20,658 USAF AAC/YU EGLIN AFB, FL  St. Louis, MO  FFP Boeing St. Louis, MO FFD Boeing Feb 06 Mar 07  FFP Boeing Feb 06 FFP Boeing Feb 07 Mar 08	February 2006   February 200

	RKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

ITEM NO. 2 PAGE NO. 3



<sup>(1)</sup> SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM'S STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.

PRODUCTION SCHEDULE P	-21																	DATE			ebru	uary 2	2006							
APPROPRIATION/BUDGET A	CTIVITY	,											W	eapon	i Syst	tem		P-1 I	ГЕМ Р	OME	ICLA	<b>TÚR</b>	Е				J	1JD		
PROCUREMENT OF AMMUN	ITION, N	IAVY	& MAR	INE CO	ORPS/E	BA-1														01	4800	), Joir	nt Dire	ct Atta	ack M	unitio	n (JDA	۹M)		
							Pr	oduct	ion R	ate						Procu	remei	nt Lea	dtimes	3										
		Ma	anufact	urer's								Α	LT Pr	ior	Α	LT Aft	er		Initial		F	Reord	er					Ur	nit of	
Item		Nam	e and l	Locatio	n	M:	SR	1-8	8-5	M	ΑX	te	o Oct	1		Oct 1		M	lfg PL	.T	N	/lfg Pl	_T		Tota	l		Me	asure	
JDAM	Boeir	ng				99	96	180	000	360	000		0 mo			4			13			13			17	,		Е		
	St. Lo	ouis, N	ИO																											
L																														
								FIS	CAL YE	AR 200	5											F	ISCAL Y	EAR 20	006					
ITEM / MANUFACTURER	F	S	Q	D	В																									
	Υ	V C	T Y	E	A L	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
				_	L	C	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E	L
JDAM - Boeing						-	V	C	IN	ь	K	K	'	IN		G	F		V	U	IN	ь	I.	, r	'	IN	-		Г	—
Lot 8	04	N	12422	0	12422		100	138	400	400	600	1050	1200	1200	1350	1250	1300	1300	1300	83/										0
Lot 8	04	AF	20244	0	20244		100	130	400	400	600									1850	2850	2830								0
Lot 9	05	N	6930	0	6930						Α												566	566	566	566	566	566	566	2968
Lot 9	05	AF	23137	0	23137						Α												2020	2020	2020	2020	2020	2020	2020	8997
1 -1 40	00	N.	3400	0	3400																									3400
Lot 10 Lot 10	06 06	N AF	8000	0	8000																	A					<b>!</b>	₩		8000
201.10	- 00	7.11	0000	_	0000						0041.	EAR 20	0.7										10041.	EAR 20	200					0000
ITEM / MANUFACTURER	F	s	Q	D	В	20	06			гі	SCAL 1	EAR 20		LENDAR	VEAD	2007						г	15CAL 1			AR 2008	n			
TEM/ MANOI ACTORER	Y	V	Т	E	A						T	Γ.		LENDAR	TEAR	T							Ι	CALEN	DAK TE	:AR 2000	, I .	Τ.	_	В
		Ċ	Y	L	L	O C	N O	D E	J A	F E	M A	A P	M A	n n	U	A U	S E	O C	N O	D E	J A	F E	M A	P A	A	O O	U	A U	S E	A
						T	V	С	N	В	R	R	Υ	N	Ĺ	G	P	T	٧	C	N	В	R	R	Y	N	L	G	P	L
Lot 9	05	N	6930	3962	2968	566		576	622	638																				0
Lot 9	05	AF	23137	14140	8997	2020	1900	1850	1730	1497																				0
1			0.40-		0.405	0 100 100 100 596 624 100												054	<b>504</b>							<b>↓</b>		L		
Lot 10	06 06	N AF	3400 8000	0	3400 8000						100 866	100 866	100 866	586 380	634 332	190 776	0 966	24 942	144 746		584 382	584 382						—		0
Lot 10	00	AF	8000	U	8000		-				800	800	800	300	332	110	900	942	740	490	302	362		1			1	+		U
Lot 11	07	N	3400	0	3400					Α													554	594	544	154	204	254	504	592
Lot 11	07	AF	7261	0	7261					Α													342	302	352	742	692		392	3797

Remarks:

MSR represents JOINT quantities (USN and USAF).

PRODUCTION SCHEDULE, P	-21																	DATE			Febru	ary 2	006							
APPROPRIATION/BUDGET AC PROCUREMENT OF AMI	TIVITY		BA-1 <b>NAV</b>	Y & M	IARIN	E CO	RPS	1					We	eapor	Syst	em		P-1 I		IOME	NCLA	TURE	E	k Mu	nition	(JDA	M)			
							Pr	oducti	ion Ra	ate						Procu	remer	t Lea	dtimes	3										
Item		Name	anufact e and L		n	M			8-5	MA		to	LT Pri o Oct	1		LT Aft Oct 1	er		Initial Ifg PL	Т	Ν	eorde Ifg PL			Total			Me	nit of easure	١
JDAM	St. Lo	ng ouis, N	ЛО			99	96	180	000	360	000		0 mo			4			13			13			17			E		
								FIS	CAL YE.	AR 2009	9											FI	ISCAL Y	EAR 20						
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	2008 O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	2009 A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	AR 2010 J U N	J U	A U G	S E P	B A L
Lot 11 Lot 11	07 07	N AF	3400 7261	2808 3464	592 3797	592 304	876	825	896	896																				0
										FIS	SCAL Y	EAR 20										FI		EAR 20						
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	0 C T	10 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	2011 A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	AR 2012 J U N	J U	A U G	S E P	B A L
Remarks:																														

MSR represents JOINT quantities (USN and USAF).

DD Form 2445, JUL 87 P-1 SHOPPING LIST Previous editions are obsolete

PAGE NO. 5 311 / 244 ITEM NEM NO. 2 Exhibit P-21 Production Schedule CLASSIFICATION: UNCL

**UNCLASSIFIED** 

		ı	BUDGET I	TEM JUST	TIFICATIO	N SHEET	1				DATE:	
			P-40								Februa	ry 2006
APPROPRIATION/BU	JDGET ACTIVI	TY				P-1 ITEM N	OMENCLAT	URE		•	-	
PROCUREMENT OF	AMMUNITION	, NAVY & MA	ARINE CORF	PS\BA 1		015100, AIF	RBORNE RO	OCKETS, AL	L TYPES			
Program Element for	Code B Items:					Other Relate	ed Program	Elements				
	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$127.4	Α	\$34.0	\$26.6	\$15.5	\$37.4	\$38.0	\$38.4	\$39.3	Cont	Cont	

#### MISSION DESCRIPTION:

Procurements are to keep pace with the training usage of MK66 rocket motors and maintain an adequate inventory of a variety of warheads for the 2.75" and 5.00" Rockets.

Product improvements address deficiencies in the safety, reliability and producibility of Airborne Rockets. Specific projects include insensitive munitions improvements to the rocket motors, safety improvements to Warheads, and reliability improvements to the 2.75" launchers.

Upgrade MK66 from J147 to HA03 rocket motor. This is to prevent stabilizing rod ejection during the launch cycle and inspect for propellant grain defects.

\*Prior years figures reflect FY2001 to FY2004. FY00 and prior are in the 2.75" Rocket Line.

CLASSIFICATION:

#### **BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS** DATE: P40-A February 2006 APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS, ALL TYPES PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 To Procurement Items ID Code Prior Years FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Complete **Total Program** WTU-1/B INERT WARHEAD Quantity Α 47,643 14,004 37,000 18,500 Funding 1.795 1.093 3.027 1.542 MK 66 ROCKET MOTOR (HA07) 132.643 9.22 15,016 Quantity Α 25.785 Funding 56,837 10,497 3,573 5,930 MK71 ROCKET MOTOR Quantity Α 4,460 3.267 2.787 13,277 21,300 11,531 Funding M278 WARHFAD Quantity Α 1,520 Funding 2.385 UPGRADE J147 TO HA03 Quantity Α 13,717 13,315 6,877 Funding 8,157 1,677 1,029 M229 HE WARHEAD 2,000 1,476 1,275 Quantity Α Funding 2.447 1.838 1.623 M255A1 FLECHETTE WARHEAD Quantity Α 2,001 4,000 2.905 Funding 1.426 MK34 WARHEAD

Quantity

Funding

Α

10,660

9.304

CLASSIFICATION:

CLASSIFICATION:

**UNCLASSIFIED** 

BUDG	ET ITE	M JUSTI	FICATIO	N SHEE	T FOR AC	GREG	ATED ITE	EMS			DATE:
		P40	)-A								February 2006
APPROPRIATION/BUDGET ACTI	VITY						P-1 ITEM	NOMENC	ATURE		
PROCUREMENT OF AMMUNITIO	N, NAVY	& MARIN	E CORPS	\BA 1			015100,	AIRBOR	NE ROC	KETS, A	LL TYPES
Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
SMOKEY SAM											
Quantity	А	12,608	3,516	0	0						
Funding		1,625	442	0	0						
MK66 Rkt Mtr											
(IFF Supplemental)											
Quantity		24,440	0	0	0						
Funding		10,262	0	0	0						
LAU-61 LAUNCHER											
Quantity	Α	0	0	0	0						
Funding		0	0	0	0						
Other Costs		15,734	4,560	4,220	3,473						
Total P-1 Funding		\$127,399	\$33,993	\$26,645	\$15,473						

Notes:

RIATION/BUDGET ACTIVITY						Weapon Syst					l	DATE:		
RIATION/BUDGET ACTIVITY						AIRBORNE R						February	2006	
						P-1 ITEM NO	MENCLATUR	E						
MENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						015100, AIRB	ORNE ROCK	ETS, ALL TYPE	S					
		·				Do	llars in Thousa	ands				Dollars	s in Thousa	nds
Element of Cost	ID													
	Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost			
WTU-1/B INERT WARHEAD	Α	1,795	14,004	78.06	1,093	37,000	81.80	3,027	18,500	83.35	1,542			
, ,	Α		25,785	407.11			387.52	3,573	15,016	394.88	5,930			
MK71 ROCKET MOTOR	Α	21,300	3,267	4,064.00	13,277	2,787	4,137.56	11,531						
M278 IR ILLUM. WARHEAD (HA06)	Α	2,385												
UPGRADE J147 TO HA03	Α	8,157	13,315	125.96	1,677	6,877	149.62	1,029						
M229 HE WARHEAD	Α		2,000	1,223.44	2,447	1,476	1,245.46	1,838	1,275	1,272.86	1,623			
M255A1 FLECHETTE WH	Α					2,001	712.64	1,426	4,000	726.14	2,905			
MK34 WARHEAD	Α	9,304												
SMOKEY SAM	Α	1,625	3,516	125.69	442									
IFF SUPPLEMENTAL MK 66 ROCEKT MOTOR	Α	10,262												
LAU-61 LAUNCHER	Α													
INTEGRATED LOGISTICS SUPPORT (ILS)		1,202			225			273			340			
PRODUCTION ENGR SUPPORT (PES)		4,078			2,245			1,288			1,192			
PRODUCT IMPROVEMENT PROGRAM (PIP)		5,704			616			1,299			1,395			
MISCELLANEOUS COMPONENTS	Α	350			514			545						
CONTAINERS	Α	3,403			830			715			446			
NON-STANDARD ITEMS	Α	80			40			40			40			
RENOVATION COMPONENTS	Α	917			90			60			60			
Total		127,399			33,993			26,645			15,473			
	MK 66 ROCKET MOTOR (HA07) MK71 ROCKET MOTOR M278 IR ILLUM. WARHEAD (HA06) JPGRADE J147 TO HA03 M229 HE WARHEAD M255A1 FLECHETTE WH MK34 WARHEAD SMOKEY SAM FF SUPPLEMENTAL MK 66 ROCEKT MOTOR LAU-61 LAUNCHER NTEGRATED LOGISTICS SUPPORT (ILS) PRODUCT IMPROVEMENT PROGRAM (PIP) MISCELLANEOUS COMPONENTS CONTAINERS NON-STANDARD ITEMS RENOVATION COMPONENTS	MTU-1/B INERT WARHEAD  MK 66 ROCKET MOTOR (HA07)  MK71 ROCKET MOTOR  M278 IR ILLUM. WARHEAD (HA06)  AUPGRADE J147 TO HA03  M229 HE WARHEAD  M255A1 FLECHETTE WH  M34 WARHEAD  A MK34 WARHEAD  A MK34 WARHEAD  A MK34 WARHEAD  A MR34 WARHEAD  A A MR34 WARHEAD  A A A A A A A A A A A A A A A A A A	NTU-1/B   INERT WARHEAD	NTU-1/B   INERT WARHEAD	Total Cost   QTY   Unit Cost	NTU-1/B   INERT WARHEAD	Code   Total Cost   QTY   Unit Cost   QTY   Unit Cost   QTY	NTU-1/B   INERT WARHEAD	Code   Total Cost   QTY   Unit Cost   QTY   QT	Total Cost	Code   Total Cost   QTY   Unit Cost   Total Cost   QTY   Unit Cost   QTY   QTS   Q	Total Cost   QTY   Unit Cost   QTY   QTY	Code   Total Cost   QTY   Unit Cost   QTY   Unit Cost   QTY   Unit Cost   QTY   Unit Cost   Total Cost   QTY   Unit Cost   QTY   Unit Cost   QTY   QTY	Code   Total Cost   City   Unit Cost   Unit Cos

Note: Columns may not add due to rounding.

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem E ROCKETS, ALL TYPES			A. DATE February 2	006
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLA	TURE		,	SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	E CORPS\BA 1			015100, AIRBORNE ROCK	ETS, ALL	TYPES		J1Q5
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
WTU-1/B INERT WARHEAD										
2005	14,004	78.06	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2005	11/2006	YES	
2006	37,000	81.80	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007	18,500	83.35	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
MK 66 ROCKET MOTOR (HA07)										
2004	19,956	453.50	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2004	09/2006	YES	
2005	25,785	407.11	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2005	11/2006	YES	
2006	9,221	387.52	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007 MK71 ROCKET MOTOR	15,016	394.88	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
2005	3,267	4,064.00	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	2,787	4,137.56	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2006	04/2007	YES	

DD Form 2446-1, JUL 87 ITEM NO 3 (Exhibit P-5A, page 5 of 8)

BUDGET PROCUREMEN	IT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S				A. DATE	
B. APPROPRIATION/BU	IDCET ACT	'IV/ITV			AIRBORN	E ROCKETS, ALL TYPES C. P-1 ITEM NOMENCLA	TUDE		February 2	006 SUBHEAD
B. APPROPRIATION/BU	JUGET ACT	IVII Y				C. P-THEW NOWENCLA	ATURE			SUBHEAD
PROCUREMENT OF AMI	MUNITION,	NAVY & MARIN	E CORPS\BA 1			015100, AIRBORNE ROC	KETS, ALL	TYPES		J1Q5
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
UPGRADE J147 TO HA03										
2005	13,315	125.96	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	6,877	149.62	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	01/2006	01/2007	YES	
M255A1 FLECHETTE WH										
2006	2,001	712.64	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2006	11/2007	YES	
2007	4,000	726.14	HUNTSVILLE, AL	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	05/2007	11/2008	YES	
M229 HE WARHEAD										
2005	2,000	1,223.44	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	
2006	1,476	1,245.46	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	01/2006	01/2007	YES	
2007	1,275	1,272.86	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2007	04/2008	YES	
SMOKEY SAM										
2005	3,516	125.69	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/2005	04/2006	YES	

Notes: Pricing is provided by the Army and incorporates other services' buys.

DD Form 2446-1, JUL 87 ITEM NO 3 (Exhibit P-5A, page 6 of 8)

APPROPRIATION/BUDGET AC PROCUREMENT OF AMM	TIVITY	/														DATE			ьe	brua	ary ⊿	2000	)					
	UNIT		NAV	Y &	MAR	INE C	ORF	25			We	apo	n Sys	stem					MENCL IE ROC			ALL	TYF	PES			BLI 0	15100
						Pro	duct	ion	Rate				F	Proc	urem	ent L	eadtin	nes										
Item		Name	ufactu and Lo	ocatio		MSR		ON			T Pr Oct		(	.T Af Oct 1			Initial fg PL	Т		orde g PL			Tota		_	Mea	it of asure	)
MK 66 Rocket Motor (HA07) MK 71 Rocket Motor (H547)	GEN NSW		DYNA	MICS	<u> </u>	1	8		20 15				7 6				18 12			18 12			25 18			K K		
ITEM / MANUFACTURER	F	S	Q	D	В			F	FISCAL YEA	AR 20		I ENF	OAR YE	ΔR 20	05				F	ISCAL				AR 20	06			
	Y	V C	T Y	E L	A L	O N C O T V	D E C	J A N	F M E A B R	A P R	M A Y	J N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
MK66 Rkt Mtr/Gen Dyn	04	N	20.0	0	20.0					1																	20.0	0
MK66 Rkt Mtr/Gen Dyn	05	N	25.8	0	25.8						Α																	25.8
MK66 Rkt Mtr/Gen Dyn	06	N	9.2	0	9.2																		Α					9.2
MK71 Rkt Mtr/NSWC IH	05	N	3.3	0	3.3					Α												1.5	1.8					0
MK71 Rkt Mtr/NSWC IH	06	N	2.8	0	2.8																	Α						2.8
ITEM / MANUFACTURER	F	S	Q	D	В	0000			FISCAL	YEAR			AR YE	A.D. 00	07				F	ISCAL				AR 20	00			
TILWI WANDI ACTORER	Y	V C	T Y	E L	A L	2006 O N C O T V	D E C	J A N	F M E A B R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
MK66 Rkt Mtr/Gen Dyn	05	N	25.8	0	25.8	1.5	1.5	1.5	1.5 1.5	1.5	1.5	1.5	1.5	3.0	2.8	2.0		1.5	1.5									0
MK66 Rkt Mtr/Gen Dyn MK66 Rkt Mtr/Gen Dyn	06 07	N N	9.2 15.0	0	9.2						Α						2.0	2.0	2.0	2.0	1.2							0 15.0
MK71 Rkt Mtr/NSWC IH	06	N	2.8	0	2.8					1.4	1.4																	0
Remarks:																												

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244 Exhibit P-21 Production Schedule

FY 07 BUDGET PRODUCTION			E, P-2′	1														DATE			Fe									
APPROPRIATION/BUDGET AC PROCUREMENT OF AMI			NAV	'Y & I	MAR	INE	CC	RP	s				Wea	apon	Sys			Α	ITEI IRB(	DRN	IE R					YPE	S	Е	3LI 01	5100
							Pro	duct	ion I	Rate					Pro	cure	mer	it Le	adtir	nes										
		Mar	nufactu	ırer's								AL	T Pı	ior	AL	T A	ter		nitia		R	eord	ler					Un	it of	
Item			and L			M	SR	1-8		M		to	Oct	1		Oct '	1	M	fg Pl	_T	M	fg P	LT	•	Tota				sure	<u> </u>
MK 66 Rocket Motor (HA07)			DYNA	AMICS	3	1		14			:0				7				18			18			25			K		
MK 71 Rocket Motor (H547)	NSW	C, IH				1		8		1	5				6				12			12			18			K		
									F	ISCAL	_ YEA											FISC		EAR						
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2008					(	CALE	NDAR	YEAF	R 200	9		l I				CA	LEND	AR Y	EAR 2	010			В
		C	Y	L	L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	T N	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U J	A U G	S E P	A L
MK66 Rkt Mtr/Gen Dyn	07	N	15.0	0.0	15.0		3.0			3.0																				0
										FISC	:ΔΙ Υ	EAR	2011									FISC	ΩΙ Υ	EAR	2012					$\vdash$
ITEM / MANUFACTURER	F	s	Q	D	В		2010			1 100	J/ (L 1			IDAR	YEAF	201	1					1 100				EAR 2	012			i
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	J U L	A U G	S E P	B A L
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DD Form 2445, JUL 87 311 / 244

Previous editions are obsolete

P-1 SHOPPING LIST

CLASSIFICATION: P-21 Production Schedule UNCLASSIFIED (Exhibit P-21, page 8 of 8)

		i	BUDGET IT	TEM JUST	TIFICATIO	N SHEET					DATE:	
			P-40								Febru	ary 2006
APPROPRIATION/BUI	DGET ACTIVI	TY					P-1 ITEM N	OMENCLAT	URE	•		
PROCUREMENT OF A	AMMUNITION	, NAVY & M	ARINE COR	PS\BA 1			015500, MA	CHINE GUN	I AMMUNIT	ION		
Program Element for C	ode B Items:					Other Relate	ed Program	Elements:				
	Prior Years*	ID Code	FY 2005**	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$116.7	А	\$30.5	\$23.4	\$16.1	\$24.7	\$24.9	\$25.5	\$26.1	Cont	Cont	

This line funds procurement of 20MM ammunition used with various aircraft gun systems. The 20MM ammunition includes procurements of PGU-27 and the Semi-Armor Piercing High Explosive Incendiary (SAPHEI) war fighting round in both the bulk and linked configuration. The bulk (linkless) configured cartridges are used in the M61A1/A2 Gun Systems in the F/A-18 Aircraft as well as F-14 Aircraft until decommissioned. The linked configured cartridges are used in the M197 gun on AH-1 aircraft. All 20MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois.

\*Reflects FY1995-FY2004 only. These programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts.

\*\* FY05 Includes Congressional add of \$7.0M for 20MM Linkless, HEI.

#### **BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS** DATE: P40-A February 2006 APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE 015500, MACHINE GUN AMMUNITION PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 Tο Total Procurement Items ID Code Prior Years\* FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Complete Program 20MM LINKLESS, TP, PGU-27 6,109,486 1,295,750 1,547,523 311,480 Quantity Α 37.117 7.267 9.997 2.062 Funding 20MM LINKLESS, HEI 867,750 135,772 158,299 Α 1,357,188 Quantity 25.713 Funding 20.618 3.192 3.815 20MM LINKED, TP, PGU-27 Quantity Α 1,486,454 529.856 13,186 5,892 Funding 20MM LINKED, HEI Α 615,100 283.458 50.109 Quantity Funding 15,323 7,557 1,500 20MM LINKED, HEI (OIF SUPPL) Quantity Α 55.300 1,316 Funding 20MM LINKING EFFORT, TP\*\*, TPT\*\*\* 395,100 Quantity Α 756 Funding 23,278 2,656 2,871 Other Costs 2,608

Total P-1 Funding

\$116,689

\$30,541

\$23,354

\$16,140

<sup>\*</sup>Reflects FY1995-FY2004 only.

<sup>\*\*</sup>TP - Training Practice \*\*\*TPT - T

<sup>\*\*\*</sup>TPT - Tracer Practice Training

Exhibit	P-5 Cost Analysis						Weapon Syst	em					DATE: Febru	ary 2006
APPROI	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATUR	E					
PROCUR	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						015500, MAC	HINE GUN AN	MUNITION					
									Dollars in	Thousands				
Cost Code	Element of Cost	ID	Prior Years*		FY 2005			FY 2006			FY 2007			
		Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost		
Q4010	20MM LINKLESS, TP, PGU-27	Α	37,117	1,295,750	5.61	7,267	1,547,523	6.46	9,997	311,480	6.62	2,062		
Q4050	20MM LINKLESS, HEI	Α	25,713	867,750	23.76	20,618	135,772	23.51	3,192	158,299	24.10	3,815		
Q4060	20MM LINKED, TP, PGU-27	Α	13,186							529,856	11.12	5,892		
Q4070	20MM LINKED, HEI	Α	15,323				283,458	26.66	7,557	50,109	29.93	1,500		
QTBD	20MM LINKED, HEI (OIF SUPPL)	Α	1,316											
Q4050	20MM LINKING EFFORT, TP, TPT	Α	756											
Q4800	INTEGRATED LOGISTICS SUPPORT (ILS)		2,414			320			390			605		
Q4830	PRODUCTION ENGR SUPPORT (PES)-NAVY		15,018			1,786			1,703			1,700		
Q4850	PRODUCT IMPROVEMENT PROGRAM (PIP)		5,791			550			515			566		
Q4894	GAGING		55											
	Total		116,689			30,541			23,354			16,140		

Note: Columns may not add due to rounding.

\*Reflects FY95-FY04 only, these programs
were funded in FY94 and prior from Weapons
Procurement, Navy (WPN)and Other
Procurement, Navy (OPN) accounts.
Pricing is provided by the Army and
incorporates other services's buys.
Congressional funding received in FY05
increased procurement quantities of
20MM Linkless HEI.

BUDGET PROCUE	REMEN	T HISTORY A	AND PLANNING	EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	006
B. APPROPRIAT	ION/BU	DGET ACTIV	/ITY				C. P-1 ITEM NOMENCL	ATURE			SUBHEAD
PROCUREMENT (	OF AMM	IUNITION, N	AVY & MARINE	CORPS\BA-1			015500, MACHINE GUN	AMMUNITI	ON		J1Q4
Cost Element/Fisca	ılYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
20MM LINKLESS, TP, F	PGU-27										
	FY 2005	1,295,750	5.61	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Aug-05	Apr-06	YES	
	FY 2006	1,547,523	6.46	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
	FY 2007	311,480	6.62	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKLESS, HEI											
	FY 2005	867,750	23.76	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Sep-05	Apr-06	YES	
	FY 2006	135,772	23.51	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
	FY 2007	158,299	24.10	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKED, TP, PG	U-27										
	FY 2004	271,722	10.40	ARMY IOC	N/A	C-FFP	General Dynamics, Marion, IL	Aug-05	Apr-06	YES	
	FY 2007	529,856	11.12	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	
20MM LINKED, HEI											
	FY 2006	283,458	26.66	ARMY IOC	N/A	C-FFP	TBD	Apr-06	Oct-06	YES	
	FY 2007	50,109	29.93	ARMY IOC	N/A	C-FFP	TBD	Apr-07	Oct-07	YES	

 $\label{eq:REMARKS:Pricing} \textbf{REMARKS: Pricing provided by the Army incorporates other services' buys.}$ 

The 20MM Linked, TP, PGU-27 FY04 contract award was delayed due to calcium silicide supply issues which have been resolved.

The 20MM Linkless, TP, PGU-27 and 20MM Linkless, HEI FY05 contract awards were delayed due to calcium silicide supply issues which have been resolved.

PRODUCTION SCHEDULE, I																	DATE						2006						
APPROPRIATION/BUDGET A PROCUREMENT OF AM			NAVY	′ & M	IARINE	COR	PS/B	8A-1				V	Veap	on S	Syst	em	P-1 I	1 METI <b>M</b>	_	_	_		IITION						
							Pi	roduct	ion Ra	te						Procure	ement	Leadt	imes										
		М	anufact	urer's	1							ALT	Γ Prio	r	AL.	T After		Initial			Reor	der					l	Init of	
Item		Nam	ne and L	_ocati	on	M	SR	EC	ON	M	AX	to	Oct 1		C	Oct 1	N	Mfg PL	T		Mfg F	LT		Total			Me	easure	)
20MM LINKLESS, TP, PGU-27	TBD					6	66		270		790		6			6		6	3		6			12				K	
20MM LINKLESS, HEI	TBD					6	66		270		790		6			6		6	3		6			12				K	
20MM, LINKED, TP, PGU-27	TBD					6	66		270		790		6			6		6	3		6			12				K	
20MM, LINKED, HEI	TBD					6	66		270		790		6			6		6	6		6			12				K	
								FISC	CAL YEAR	R 2005												FISCA	L YEAR 2	2006					
ITEM / MANUFACTURER	F	S	Q	D	В		2004					CA	LEND/	AR YE	AR 2	005							CALEI	NDAR YI	EAR 2006				
	Υ	V	Т	E	Α	0	N	D	J	F	М	Α	М	J	J	A S	0	N	D	J	F	М	Α	М	J	J	Α	S	В
		С	Υ	L	L	С	0	E	A	Е	Α	P		U	U	U E	С	0	Е	Α	E	Α	P	Α	U	U	U	E	A L
				<u> </u>		Т	V	С	N	В	R	R	Υ	N	L	G P	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
20MM LINKLESS, TP, PGU-27	05	N	1005.0		1005.0									_		Δ.	1			1			246.0	246.0	246.0	246.6	246.2	245.2	0
General Dynamics TBD	05 06	N N	1295.8 1547.5	0	1295.8 1547.5											Α	1		1	1			216.0 A	216.0	216.0	216.0	216.0	215.8	0 1547.5
20MM LINKLESS, HEI	00	IN	1347.3	U	1347.3	1														1			Α						1547.0
General Dynamics	05	N	867.8	0	867.8											А	1						145.0	145.0	145.0	145.0	145.0	142 8	0
TBD	06	N	135.8	0	135.8															1			A	1 1010	1 10.0	1 10.0	0.0	1 12.0	135.8
20MM, LINKED, TP, PGU-27																	1												
General Dynamics	04	N	271.7	0	271.7											Α							200.0	71.7					0
20MM, LINKED, HEI																													
TBD	06	N	283.5	0	283.5																		Α						283.5
										FISCAL	YEAR 2											FISCA	L YEAR 2						
ITEM / MANUFACTURER	F	S	Q	D	В	20	06			1		CA	LEND/	AR YE	AR 2	007							CALEI	NDAR YI	EAR 2008				
	Υ	V	T Y	E L	A L	0	N	D	J	F	М	Α	M	J	J	A S		N	D	J	F	М	Α	М	J	J	Α	S	B A
				-	_	C T	O V	E C	A N	E B	A R	P R			U L	U E G P		0 V	E	A N	E B	A R	P R	A Y	U N	U	U G	E P	L
20MM LINKLESS, TP, PGU-27						<u> </u>	,	-	- "		15	- 11		-	-	0 1	+ -	-	_	+''			- 1	'	.,				
TBD	06	N	1547.5	0	1547.5	215.5	222.0	222.0	222.0	222.0	222.0	222.0					1												0
TBD	07	N	311.5	0	311.5							A					269.0	42.5		1									0
20MM LINKLESS, HEI																													
TBD	06	N	135.8	0	135.8	135.8																							0
TBD	07	N	158.3	0	158.3							Α		4			158.3	3	1	1									0
20MM, LINKED, TP, PGU-27	_		-		1														-	1-			1						
TBD	07	N	529.9	0	529.9							Α		+			265.0	264.9	)	1									0
· +-	· ·	l ''	525.5	Ť	525.5									T			1			1			1						Ť
20MM, LINKED, HEI																				1									
TBD	06	N	283.5	0	283.5	142.0	141.5																						0
TBD	07		50.1		50.1	1		1				Α					50.1								1				0

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244

#### CLASSIFICATION:

#### UNCLASSIFIED

		В	UDGET IT	EM JUST	IFICATION	N SHEET					DATE:	
			P-40								Februa	ry 2006
APPROPRIATION/BUD	GET ACTIVI	ITY					P-1 ITEM N	OMENCLAT	URE			
PROCUREMENT OF AI	MMUNITION	I, NAVY & M	ARINE COR	PS\BA 1			016000, PR	ACTICE BO	MBS			
Program Element for Co	ode B Items:						Other Relat	ed Program	Elements			
	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity												
Cost (\$M)	\$397.8	Α	\$53.3	\$55.8	\$56.4	\$67.4	\$68.9	\$65.2	Cont	Cont		

#### MISSION DESCRIPTION:

Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 simulates an unretarded MK 80 series bomb. It is a 25 lb. cast iron shape with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 simulates retard bombs. It is a 10 lb. thin cased cylindrical bomb with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 NTP and MK 83 Inert are full-sized Practice Bombs. They are MK 80 series bomb bodies filled with an inert material and have the same weight, size, center of gravity and ballistics of a live bomb. The BDU-45 uses a CXU-4 signal cartridge for spotting location and simulates a 500 lb General Purpose Bomb. These items are procured by the Army as a Single Manager for Conventional Ammunition.

The Laser Guided Training Round (LGTR) is procured directly by the Navy. This round enhances the effective use of the PAVEWAY II Laser Guided Bombs (LGB) precision guided weapon which requires coordination between the aircrew and the laser designator. Development of delivery options and multi-aircraft tactics require extensive cost effective training. The Congressionally directed procurement of the Laser Guided Training Round (LGTR) is capable of replicating the kinematics of LGBs to provide increased basic training capability and follow-on advanced tactics development, and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs. LGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles. The LGTR production spike in FY05 was required to provide inventory sufficient to fill logistics pipeline.

The Production Engineering Support and Integrated Logistics Support are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, LGTR, fins and other practice weapons. These efforts include maintenance of PDP (Procurement Data Packages), participation in post award conference, first article and quality assurance testing, ECP review/comments/recommendation, technical manual update, evaluation of engineering change proposal, and response to fleet inquiries.

The Miscellaneous Items line includes M70 series cables. Mk 89 Adapters, Arming Wires, Lugs, Nose Plugs, etc.

UNCLASSIFIED (Exhibit P-40 page 1 of 6)

CLASSIFICATION:

cost Analysis												
PRIATION/BUDGET ACTIVITY						P-1 ITEM I	NOMENCLA	TURE				
REMENT OF AMMUNITION, NAVY & MARINE CO	RPS/I	BA 1				016000, PI						
							Dollars in	Thousands				
Element of Cost		Prior Years		FY 2005			FY 2006			FY 20	07	
	е	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
PROCUREMENTS  MK 76 (E973)  MK 82 INERT (F237)  LASER GUIDED TRAINING ROUND*  MK 83 INERT (E511)  BDU-48(E962)	A A A A	- - - -	5,000 17,385	942.42 1,535.15	4,712 28,245	13,821 10,867	958.31 2,262.81 1,531.90	13,245 24,590	6,067 7,941 3,630	975.11 2,319.38 1,559.62	6,205 5,916 18,418 5,661 942	
PROCUREMENT SUPPORT AND OTHER INTEGRATED LOGISTICS SUPPORT (ILS) PRODUCTION ENGR SUPPORT (PES)-NAVY PRODUCT IMPROVEMENT PROGRAM (PIP) GAGING		- - -			135 4,575 350 504			400 4,900 350 250			400 4,431 350 250	
MISCELLANEOUS ITEMS	Α	_			2,093			2,000			2,000	
Total		397,832			53,329			55,823			44,573	
	PROCUREMENTS MK 76 (E973) MK 82 INERT (F237) LASER GUIDED TRAINING ROUND* MK 83 INERT (E511) BDU-48(E962)  PROCUREMENT SUPPORT AND OTHER INTEGRATED LOGISTICS SUPPORT (ILS) PRODUCTION ENGR SUPPORT (PES)-NAVY PRODUCT IMPROVEMENT PROGRAM (PIP) GAGING MISCELLANEOUS ITEMS	PROCUREMENTS  MK 76 (E973)  MK 82 INERT (F237)  LASER GUIDED TRAINING ROUND*  AMK 83 INERT (E511)  BDU-48(E962)  PROCUREMENT SUPPORT AND OTHER INTEGRATED LOGISTICS SUPPORT (ILS) PRODUCTION ENGR SUPPORT (PES)-NAVY PRODUCT IMPROVEMENT PROGRAM (PIP) GAGING  MISCELLANEOUS ITEMS  A ARRIVED LOGISTICS ALIENTATION OF A A A A A A A A A A A A A A A A A A	PROCUREMENT (F237)	PROCUREMENTS   A   196,000	PROCUREMENTS	PROCUREMENT (F237)	P-1   ITEM	P-1   ITEM NOMENCLE	RIATION/BUDGET ACTIVITY  REMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1  Element of Cost  E	RIATION/BUDGET ACTIVITY  REMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1  Element of Cost    D	P-1   ITEM NOMENCLATURE	RIATION/BUDGET ACTIVITY   P-1   TIEM NOMENCLATURE   016000, PRACTICE BOMBS J101     P-1   TIEM NOMENCLATURE   P-1   TIEM NOMENCATURE   P-1   TIEM NO

Note: The total cost of the FY05 LGTR (Laser Guided Training Round) includes \$1,556K for containers.

(Exhibit P-5, page 2 of 6)
DD FORM 2446, JUN 86
ITEM NO 5

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	NG EXHIBIT (P-5A)		Weapon S	system			A. DATE February 2	006
B. APPROPRIATION/BI	UDGET ACT	TVITY			ı	C. P-1 ITEM NOMENCLA	ATURE			SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	IE CORPS\BA 1			016000, PRACTICE BOM	BS			J1Q1
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
PROCUREMENTS										
MK 76 (E973)										
2005	196,000	29.48	JMC ROCK ISLAND, IL	11/30/2004	C-FP	DELFASCO	1/30/2005	9/30/2006	YES	
2006	196,000	31.11	JMC ROCK ISLAND, IL	OPTION	C-FP	DELFASCO	2/28/2006	9/30/2006	YES	
2007	196,000	31.66	JMC ROCK ISLAND, IL	OPTION	C-FP	DELFASCO	1/30/2007	9/30/2007	YES	
MK 82 INERT (F237)										
2005	5,000	942.42		OPTION	SS-FP	MCALESTER, AAP	2/28/2005	6/30/2006	YES	
2006	13,821	958.31		9/30/2005	SS-FP	MCALESTER, AAP	2/28/2006	11/30/2006	YES	
2007	6,067	975.11	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	2/28/2007	3/31/2008	YES	
LASER GUIDED TRAINING ROUND										
2005	17,385	1,535.15	NAVAIR	11/19/2004	C-FP	LOCKHEED-MARTIN	6/1/2005	2/21/2006	YES	
2006	10,867	2,262.81	NAVAIR	OPTION	C-FP	LOCKHEED-MARTIN	3/31/2006	11/30/2006	YES	
2007	7,941	2,319.38	NAVAIR	OPTION	C-FP	LOCKHEED-MARTIN	2/28/2007	10/30/2007	YES	
MK 83 INERT (E511)										
2005	4,000	1,506.75		OPTION	SS-FP	MCALESTER, AAP	2/28/2005	4/30/2006	YES	
2006	2,000	1,531.90		10/30/2005	SS-FP	MCALESTER, AAP	2/28/2006	2/28/2008	YES	
2007	3,630	1,559.62	JMC, ROCK ISLAND, IL	OPTION	SS-FP	MCALESTER, AAP	1/30/2007	3/30/2008	YES	

DD Form 2446-1, JUL 87 ITEM NO 5 (Exhibit P-5A, page 3 of 6)

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	IG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	006
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLA	TURE			SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	IE CORPS\BA 1			016000, PRACTICE BOM	35			J1Q1
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
BDU-48 (E962)										
2005	20,000	45.50	JMC, ROCK ISLAND, IL	OPTION	C/FP	DELFASCO	5/30/2005	9/30/2005	YES	
2006	20,000	46.29	JMC, ROCK ISLAND, IL	11/30/2005	C/FP	UNKNOWN	2/28/2006	4/30/2007	YES	
2007	20,000	47.12	JMC, ROCK ISLAND, IL	OPTION	C/FP	UNKNOWN	1/20/2007	8/30/2007	YES	

FY 2007 PRESIDENT BUDGET		ICTIO	N SCHE	DULE,	P-21																	Fe	ebruar	y 200	6					
APPROPRIATION/BUDGET ACT PROCUREMENT OF AMMUNIT		VY & I	MARINE	CORP	s								V	√eapo	n Syste	em		P-1 N <b>01600</b>			E BON	/IBS								
							Pro	ductio	n Rate							Pro	curem	ent Lea	adtimes	S										
			Manufac	cturer's								F	ALT Pri	or	Α	LT Aft	er		Initial			Reorde	er					U	nit of	
Item		Na	me and	Locatio	n		MSR	1	-8-5	MA.	λX	,	to Oct	1 '		Oct 1		I 1	√lfg PL	Т		Mfg PL	Т		Total		Ì	Me	asure	
MK 76			ASCO				120000		360000		80000					4			20			7			24		TWIN	/BULK		
MK 82 INERT			LESTER	S(OK)			54000		96000	192000				-		5			16						20		K			
WIN OZ IIVZIKI		1010.	LLO.L.						00000	102000														<u> </u>						
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ITEM / MANUFACTURER	F	s	Q	D	В	2004					L YEAR 2		CALF	ENDAR \	YEAR 200	)5									AR YEAR	₹ 2006			<b>i</b> '	
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MK 76(E973) THOUSANDS	1	N											$\top$																	$\overline{}$
DELFASCO	05		196.0	0	196.0			Í												I					40.0	156.0				
DELFASCO	06		196.0	0	196.0							<u> </u>										Α							40.0	156.0
DELFASCO	07		196.0	0	196.0							<u>i                                    </u>															į .			196.0
MK82(F237) THOUSANDS		N										<u> </u>																		<b>i</b>
MCALESTER	05		5.0	0	5.0					Α		<u> </u>														5.0				0.0
MCALESTER	06		13.8	0	13.8							<u> </u>	'		<b>-</b>							Α		ļ		<u> </u>	<b>└</b>	<b></b>		13.8
MCALESTER	07		6.1	0	6.1							ᆫ		ldot														Щ_		6.1
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ITEM / MANUFACTURER	F	S V	Q	D E	В	2006				1	1		CALE	NDAR Y	YEAR 200	)7							1	CALEND	AR YEAR	2008			$\vdash$	
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		Ŭ	· ·			C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
MK 76(E973) THOUSANDS		N											$\overline{}$																	
DELFASCO	05		196.0	40.0	156.0	40.0	40.0	40.0	36.0			ĺ																		0.0
DELFASCO	06		196.0	40.0	156.0	40.0	40.0	40.0	36.0			ĺ																		0.0
DELFASCO	07		196.0	0	196.0				Α			<u> </u>					40.0	40.0	40.0	40.0	36.0									0.0
MK82 (F237) THOUSANDS												<u>i                                    </u>															į .			į
MCALESTER	06		13.8	0	13.8		7.6	6.2				<u> </u>																		0.0
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Remarks: *MONTHLY DELIVER	ES VAR	Y DEF	PENDIN	G ON J	OINT SER	VICE R	EQUIREMEN	ITS.	Quantitie	es for Mh	< 76 an	ıd MK	82 (F2	:37) ar	e in tho	ousand	ds.						•	-						

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 5 PAGE 5

**UNCLASSIFIED** 

MK 83 Inert MCALE	Nan HEED-N ESTER D	Manufactu me and L MARTIN(L R	ocation	1	MS 3600 UNK UNK			ction Ra -8-5 10400	MA)	×		vve LT Pri				ment	P-1 Ite 016000 Leadti Init	PRA mes	CTICE	ВОМЕ						U	nit of	
Item  LOCKH MK 83 Inert MCALE BSU-86 CAPCO	Nan HEED-N ESTER D	me and L MARTIN(L	ocation	1	3600 UNK			-8-5	MA)	X		LT Pri	or			ment	Leadti	mes					_			U	nit of	
LGTR LOCKH MK 83 Inert MCALE BSU-86 CAPCO	Nan HEED-N ESTER D	me and L MARTIN(L	ocation	1	3600 UNK			-8-5	MA)	X		LT Pri	or	ΑI	ΤΔftρ	r	Init	ial		_						U	nit of	
LGTR LOCKH MK 83 Inert MCALE BSU-86 CAPCO	HEED-N ESTER O	MARTIN(L		1	3600 UNK	SR	1			X							11111	ıaı		Reorde	er	1					IIIL OI	
MK 83 Inert MCALE BSU-86 CAPCO	STER D		LORAL)		UNK			10400	00400		1	o Oct	1	(	Oct 1		Mfg	PLT		Mfg PL	Т		Total			Me	asure	
MK 83 Inert MCALE BSU-86 CAPCO	STER D				UNK				23400						9			8					17			Е		
BSU-86 CAPCO								43200	108000						5		1						20			Ē		
					0			7200							3		1						16			E		
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					T	V	c	N	В	R	R	Ŷ	N	L	G	P	T		N	В	R	R	Y	N	L	G	P	L
Laser Guided Training Round	N		1																				_					
LOCKHEED-MARTIN 05		17385	0	17385									Α							1448	1448	1448	1448	1448	1448	1448	1448	5801
LOCKHEED-MARTIN 06		10867	0	10867																	Α							10867
LOCKHEED-MARTIN 07		7941	0	7941																								7941
BSU-86A/B(EA53)	N																					1	1					
CAPCO,CO 03		12996	0	12996			Α												1444	1444	1444	1444	1444	1444	1444	1444	1444	0
MK 83 Inert(E511)	N																											
MCALESTER 05		4.000	0	4.000					Α													2000	2000					0
MCALESTER 06		2,000	0	2,000																Α	1	1						2,000
MCALESTER 07		3.630	0	3,630														-			1	1						3,630
WOALESTER 07		3,030	U	3,030																		1	<del></del>					3,030
									FISCAL	VEAD 1	2007					+				_	EISCAL	YEAR 2	2000					<b>-</b>
E	s	Q	D	В	2006				FISCAL	ILAN 2		ALENDA	D VEAD	2007					1		TISCAL			AR 200	>			1
Y	v	T	E	A	O	N	D	J	F	М	A	M	I ILAN	J	۸	S	0 1	I D	J	F	М	A	M	.J	J	Α	S	В
	Ċ	Ϋ́	L	Ĺ	c	0	E	A	E	A	P	A	U	U		E	C	E		E	A	P	A	U	U	Û	E	A
ITEM / MANUFACTURER					Т	V	С	N	В	R	R	Υ	N	L	G	Р	T \	E C	N	В	R	R	Υ	N	Ĺ	G	Р	L
Laser Guided Training Round	N																											1
LOCKHEED-MARTIN 05		17385	11584	5801	1448	1448	1448	1457														1						0
LOCKHEED-MARTIN 06		10867	0	10867		906	906	906	906	906	906	906	906	906	906	906	901					1						0
LOCKHEED-MARTIN 07		7941	0	7941					A								661 66	1 66	1 661	661	661	661	661	661	661	661	670	0
MK 83 Inert(E511)	N		T -															1	1	1	1	1	<u> </u>					
MCALESTER 06		2000	0	2000																2000	† — —	1	<u> </u>					0
MCALESTER 07		3630	0	3630				Α													3630							0
			I																			<u> </u>	Щ.					<u> </u>

CLASSIFICATION: UNCLASSIFIED

		ı	BUDGET I	TEM JUST	ΓΙΓΙCΑΤΙΟ	N SHEET					DATE:	
			P-40								Februar	ry 2006
APPROPRIATION/E	BUDGET ACTIV	ITY					P-1 ITEM N	OMENCLAT	URE		•	
PROCUREMENT O	F AMMUNITION	, NAVY & MA	ARINE CORF	PS\BA 1			018000, CA	RTRIDGES	& CART AC	TUATED D	EVICES	
Program Element fo	or Code B Items:						Other Relate	ed Program	Elements			
	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
Quantity										Cont	Cont	
Cost (\$M)	\$237.7	А	\$27.7	\$32.2	\$34.0	\$37.1	\$38.2	\$43.1	\$46.2	Cont	Cont	

### MISSION DESCRIPTION:

### Escape System/Life Support Devices

These items, such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, thermal batteries, etc, are used in aircraft emergency escape systems. The total number and type of devices installed varies with the type of aircraft, for example: F/A-18(136); S-3(105); EA-6B(45), T-45(76), T/AV-8(90) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet the standard. The devices ages at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System FLU-12/P Deck Crew Life Vest Inflator, and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides funding for the procurement of Naval Aircrew Common Ejection Seat (NACES) items, JAU-74/B initiators/CCU-146/A Cartridge, BBU-57/A and BBU-64/ACutters (F-18 DIFRS) and other miscellaneous devices.

### Weapons/Stores Release Cartridges

These items are used to release the weapons/stores from aircraft. The JAU-22 impulse cartridges are used to eject sonobuoys from aircraft. The budget request also provides for CCU-107 Impulse Cartridges and the JAU-22/B Initiator Cartridge.

### Integrated Logistics Support

Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.

#### Production Engineering Support

Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.

#### **Product Improvement Programs**

Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CARTs and CADs.

FY04 & FY05 includes \$3.4M Congressional Plus-up for FLU-12/P; Budget increase in FY06 and out is to cover the yearly FLU-12/P requirement and increased program cost required to support emerging V-22, F-18E/F, T-6A and JSF aircraft. Due to the retirements of the F-14, T-2, and S-3 aircraft, and the scale-up of the F-18E/F, T-6A, V-22 and JSF aircraft, a change in Cart/CAD requirements is occurring which causes the removal of the MJ91 as a budget line, combining of the SR95 requirement with the WB19 to form a F-18 DIFRS budget line, and the addition of a FLU-12/P and WB15/WB16 budget lines.

P-1 SHOPPING LIST

CLASSIFICATION:

Exhibit I	P-5 Cost Analysis						Weapon Syst	em					DATE:
	•												February 2006
APPROI	PRIATION/BUDGET ACTIVITY					I	P-1 ITEM NON	MENCLATURI	E				
PROCUR	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						018000, CART	RIDGES & C	ART ACTUATE	D DEVICES J	1Q8		
			_					Tota	Cost in Thousa	nds of Dollars			
Cost			5										
Code	Element of Cost	ID	Prior Years	a=./	FY 2005		o=v	FY 2006		077/	FY 2007		
		Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
	STORES RELEASE												
28090	JAU-22/B INITIATOR. CTG (MF64)	Α		105,000	13.80	1,449	105,000	16.25	1,706	105,000	18.29		
Q8200	CCU-107 IMPULSE CTG (MT95)	Α		180,000	5.25	945	60,000	6.39	383	180,000	5.68	1,022	
	<u>SAFETY</u>												
28060	THERMAL BATTERY (CWDR)	Α		301	4,138.16	1,246	264	3,632.58	959	259	3.706.56	960	
Q808Q	BBU-57/A CUTTER (SR95)	Α		78	9,259.47	722							
Q808Q	F-18 DIFRS (SR95/WB19)	Α							249			1,192	
Q808Q	FLU-12/P INFLATOR (JL09)	Α		21,000	143.00	3,003	15,000	134.78	2,022	15,000	137.44	2,062	
Q808Q	JAU-74 INIT/CCU-146 CTG (WB15/16)	Α							1,848			1,166	
28300	NAVY AIRCREW COMMON EJECTION SEAT	Α				2,269			2,360			2,269	
28600	MISC DEVICES UNDER \$500K (Note 1)					10,530			15,195			15,543	
Q88Q	INTEGRATED LOGISTICS SUPPORT (ILS)					669			697			769	
Q8830	PRODUCTION ENRG SUPPORT (PES)-NAVY					3,204			2,991			3,093	
Q8840	QUALITY ASSURANCE					455			495			537	
Q8850	PRODUCT IMPROVEMENT PROGRAM (PIP)					1,396			1,280			1,369	
Q8860	ACCEPTANCE TESTING					1,812			1,971			2,097	
	Total		237,742			27,700			32,156			33,999	

Columns may not add due to rounding

DD FORM 2446, JUN 86 (Exhibit P-5, page 2 of 3)

<sup>(1)</sup> Miscellaneous Devices encompasses the remaining 835 distinct devices procured under this budget item. These devices have yearly budget requirements that typically do not exceed \$500K.

BUDGET PROCUREMEN	T HISTORY	AND PLANNING	EXHIBIT (P-5A)		Weapon S	System			A. DATE	
B. APPROPRIATION/BU	IDGET ACTI	VITV				C. P-1 ITEM NOMENCLAT	IIDE		February 2	006 SUBHEAD
B. AFFROFRIATION/BU	DGET ACTI	VIII				C. F-ITTEM NOMENCLAT	UKE			SUBHEAD
PROCUREMENT OF AMI	MUNITION, N	IAVY & MARIN	CORPS\BA 1			018000, CARTRIDGES & CA	ART ACTU	ATED DEVI	CES	J1Q8
					Contract					
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
STORES RELEASE	α.,	5 556t	2004.0.7 0.7 00	1111 10000 2010	.,,,,,	Contractor and Education	/ mara bato	20	7174114215 11611	7174114210
CCU-107 IMPULSE CTG MT95)										
2005	180,000	5.25	NAVICP	Sep-04	C-FP	TECHNICAL ORDNANCE INC. ST. BONIFACIUS, MN	Nov-04	Jun-05	YES	
2006	60,000	6.39	NAVICP	Oct-05	C-FP	TECHNICAL ORDNANCE INC.	Dec-05	Jul-06	YES	
2007	180,000	5.68	NAVICP	Oct-06	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
JAU-22/B INITIATOR. CTG (MF64)										
2005	105,000	13.80	NAVICP	Sep-04	C-FP	SPECIAL DEVICES MOORPARK,	Oct-04	Nov-05	YES	
2006	105,000	16.25	NAVICP	Jul-05	C-FP	AMTEC CORP., JANESVILLE WI	Dec-05	Jun-06	YES	
2007	105,000	18.29	NAVICP	Oct-06	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
SAFETY	100,000	10.20		00.00	0		7.4. 07	7.10.00		
BBU-57/A CUTTER (SR95)										
220 01/11 0011 211 (01100)										
2005	78	9,259.47	NAVICP	Oct-04	SS/FP	NORTHROP-GRUMMAN CORP. EL SEGUNDO, CA	Jan-05	May-06	YES	
FLU-12/P INFLATOR (JL09)										
LO-12/F INI LATOR (5L09)						CONAX FLORIDA ST				
2005	21,000	143.00	NAVICP	Oct-04	SS/FP	PETERSBURG, FL CONAX FLORIDA ST	May-05	Nov-06	YES	
2006	15,000	134.78	NAVICP	Oct-05	SS/FP	PETERSBURG, FL	Apr-06	Apr-07	YES	
2007	15,000	137.44	NAVICP	Oct-06	SS/FP	CONAX FLORIDA ST PETERSBURG, FL	Apr-07	Apr-08	YES	
THERMAL BATTERY										
(CWDR)						MARTIN-BAKER A/CRT C,				
2005	301	4,138.16	NAVAIR	Oct-04	SS/FP	MIDDLESEX GB	Apr-05	Oct-06	YES	
2006	264	3,632.58	NAVAIR	Oct-05	SS/FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	Apr-06	Apr-07	YES	
2007	130	4,098.45	NAVAIR	Oct-06	SS/FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	Apr-07	Apr-08	YES	
	129	3,310.00	NAVICP	Oct-06	SS/FP	EAGLE-PICHER, JOPLIN, MO	Apr-07	Apr-08	YES	

Notes:

		BUDGET	ITEM JUS	STIFICATI	ON SHEE	Т				DATE:	
			P.	-40						Februa	ry 2006
APPROPRIATION/BUDG	SET ACTIVITY					P-1 ITEM N	OMENCLAT	URE	•		
PROCUREMENT OF AM	IMUNITION, NAVY &	MARINE CO	DRPS\BA 1			018100, AIR	CRAFT ES	CAPE ROCK	KETS		
Program Element for Coc 0204162N	de B Items:					Other Relate	ed Program	Elements			
	Prior Years	ID Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program
Quantity										Cont	Cont
Cost (\$M)	\$96.0	Α	\$10.6	\$10.7	\$11.0	\$11.5	\$11.7	\$12.0	\$12.3	Cont	Cont

### MISSION DESCRIPTION:

This program provides funding for rocket motors, rocket catapults and catapults used to eject aircrewmen from disabled aircraft. The program is structured to meet replacement requirements that are based on aircraft inventories and the escape rocket/catapults service lives. The devices age at the same rate whether operating in a war or peace-time environment, and thus the requirement is calendar driven. An aircraft containing a single escape rocket/catapult not up to man-rated standards is grounded for safety-of-flight. Spare inventories are limited to the lowest level that can be maintained without causing aircraft grounding due to shortfalls. Devices are also used to function as part of aircraft emergency safety systems. The FY 2007 budget request provides continued funding for the procurement of MK 122 parachute deployment rocket motors, MK 123/124 underseat rocket motors, various miscellaneous devices, Product Improvement Programs (PIP), and associated production engineering and integrated logistics support.

Production Engineering Support (PES) efforts include the development/review of procurement requests, production monitoring, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.

Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support and other technical ILS production efforts.

Multi-year Product Improvement Programs (PIP) consists of programs to ensure producibility and safety for the MK 122 PDRM, MK 123, MK 124, MK 100, MK 101, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base), MK 121 TDRMS; and MK 79, MK 109, MK 113, MK 205 Rocket Motors.

Exhibit I	P-5 Cost Analysis			Weapon System	n						DATE: Februa	ry 2006
APPROI	PRIATION/BUDGET ACTIVITY			P-1 ITEM NOM	ENCLATURE							
PROCUR	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1			018100, AIRCR	AFT ESCAPE	ROCKETS						
							Dollars in	Thousands				
Cost Code			Prior Years		FY 2005			FY 2006			FY 2007	
	Element of Cost	ID Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
Q9070	SAFETY MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)	A		204	3,058.94	624	233	3.357.23	782	233	3.176.82	740
Q9080	MK 123 UNDERSEAT ROCKET MOTOR (MT30)	A		204	7,453.08		233 47	8,997.00	423	233 47	9,069.00	426
Q9081	MK 124 UNDERSEAT ROCKET MOTOR (MT31)	Α		30	7,104.97	214	97	8,997.00	873	97	9,069.00	880
Q9130	MISC DEVICES UNDER \$500K					4,863			3,680			3,910
Q9800	INTEGRATED LOGISTICS SUPPORT (ILS)					469			496			507
Q9820	RELIABILITY LIFE (R-L)					690			699			707
Q9830	PRODUCTION ENRG SUPPORT (PES)-NAVY					1,341			1,396			1,419
Q9850 Q9860	PRODUCT IMPROVEMENT PROGRAM (PIP) ACCEPTANCE TESTING					1,337 907			1,361 1,007			1,379 1,061
Q0000	ACCEL PARCE LEGINIC					301			1,007			1,001
	Total		96,006			10,595			10,717			11,029

Columns may not add due to rounding

BUDGET PROCUREMENT	Г НІЅТО	RY AND PLANN	ING EXHIBIT (P-5A	A)	Weapon S	ystem			A. DATE	
									February 2	
B. APPROPRIATION/BUI	DGET A	CTIVITY				C. P-1 ITEM NOMENCLA	TURE			SUBHEAD
PROCUREMENT OF AMM	IUNITIO	N, NAVY & MAR	INE CORPS\BA 1			018100, AIRCRAFT ESCA	PE ROCKE	TS		J1Q9
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
SAFETY										
MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)										
FY 2005	204	3,058.94	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	May-05	Apr-06	YES	
FY 2006	233	3,357.23	NAVICP	Oct-05	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Dec-05	Jun-06	YES	
FY 2007	233	3,176.82	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
MK 123 UNDERSEAT ROCKET MOTOR (MT30)										
FY 2005	20	7,453.08	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Jan-05	Aug-05	YES	
FY 2006	47	8,997.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	47	9,069.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	
MK 124 UNDERSEAT ROCKET MOTOR (MT31)										
FY 2005	30	7,104.97	NAVICP	Sep-04	C-FP	MARTIN-BAKER AIRCRAFT, ENGLAND	Jan-05	Aug-05	YES	
FY 2006	97	8,997.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	97	9,069.00	NAVICP	TBD	C-FP	UNKNOWN	Apr-07	Apr-08	YES	

Notes:

	BUD	GET ITE	M JUSTIF	ICATION S	HEET			DATE:				
			P-40						F	ebruary 20	06	
APPROPRIATION/BU	DGET ACTIVITY	•					P-1 ITEM NO	MENCLATU	RE			
PROCUREMENT OF	AMMUNITION, N	IAVY & M	ARINE COR	PS/BA-1				018200, AIRE	ORNE EXPE	ENDABLE C/I	M PROGRAM	
Program Element for C	Code B Items:						Other Relate	d Program El	ements			
RDT&E 0604270N												
	Prior	ID									То	
	Years*	Code	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		Complete	Total
QUANTITY												
COST												
(In Millions)	\$341.8		\$60.6	\$67.3	\$72.9	\$78.2	\$80.4	\$81.1	\$82.7		CONT	CONT

The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all Navy and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related categories: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) infrared (IR) decoys, (d) associated impulse cartridges, and (e) support costs. Procurement of unique 1x1 x8" countermeasures are in support of the USMC C-130J. These items are RR170A, operational chaff; MJU61 magnesium fueled flare, which is a reliability and safety improvement of the M206 flare; MJU-64, pyrophoric decoy device, which is a reliability and safety improvement of the MJU50; and CCU145A Hazards of Electromagnetic Radiation on Ordnance (HERO) safe impulse cartridge, which replaces the BBU35.

Chaff Countermeasures: Procurement of RR-129A operational round and RR-144A training rounds are in support of all airframes except the USMC KC-130J. Procurement of the RR144A training round is necessary because it does not interfere with Federal Aviation Administration (FAA) radars.

Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, entered the final year of production during FY05. The Fiber Optic Towed Decoy (FOTD) is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) program and is scheduled to replace the AAED beginning in FY06. AAED and FOTD were developed under PE 0604270N RDT&E, Project E2175.

IR Decoys: The MJU-49 is currently used by all aircraft except the C130J. The SM875 is a dedicated, low cost training device. Procurement of the ALE-39 advanced six-inch solution set (kinematic MJU57) and companion (MJU55) of expendables began in FY 2003.

Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The HERO safe CCU136A/A is used by all airframes except the C-130J. The CCU145A is a HERO safe version of and will replace the BBU35.

Support costs: Provide for required Production Engineering (PE), Product Improvement (PIP), Quality Assurance (QA), Acceptance Test and Evaluation (AT&E), and Integrated Logistic Support (ILS) by NAVAIR engineering/cognizant field activities.

Title IX funding: \$10M FY04 Supplemental Funds (PANMC 1741548/Y1AC) were added to the AECM Program to support the initial procurement of unique 1x1x8" infrared countermeasures for the USMC KC-130J aircraft. Marinized MJU61, MJU64 and HERO safe CCU145A impulse cartridges were procured during FY05 in support of this requirement. An estimated \$66K will be used to provide support.

\$11M FY05 Supplemental Funds (PANMC 1751508/Y1QA) were added to the AECM Program to support the procurement of additional MJU61, MJU64, HERO safe CCU145A impulse cartridges and the initial procurement of the Advanced six-inch solution companion (MJU55) decoy device. An estimated \$48K will be used to provide support. \$4.5M of Title IX funding is included in FY06 for procurement of MJU-49 IR Decoys.

\* Prior years include FY95 through FY04.

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 1 CLASSIFICATION:

UNCLASSIFIED

DD FORM 2454, JUN 86

	WEAPONS SYSTEM COST ANALYSIS					Weapon Sys	stem				DATE:				
	P-5						I						Fe	bruary 2000	3
_	PRIATION/BUDGET ACTIVITY REMENT OF AMMUNITION, NAVY & MA	A DINE C	ODDC/DA 4	Nova		ID Code	P-1 ITEM NON	MENCLATURE	/SUBHEAD						
	Ammunition	ARINE C	UKP3/BA-1	Navy			018	8200, AIRBO	RNE EXPE	NDABLE C/M	PROGRAM				
							I	TOTAL COST	IN THOUSA	NDS OF DOLI	_ARS				
COST	ELEMENT OF COST	ID	Prior		FY 2005			FY 2006			FY 2007				
CODE	(BLI 018200)	Code	Years*	Overstitus	Hait Oaat	T-4-1 O4	0	Hait Oaat	T-4-1 04	O tit	Hait Oaat	T-4-1 04			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	ACTIVE JAMMERS														
1	AAED (ALE-50)	Α	34,419	245	22,818.00	5,590									
QA120	FOTD / IDECM	В	6,937				268	49,500.00	13,266	480	38,500.00	18,480			
	IR DECOYS														
QA140	MJU-32/B ROTARY WING DECOY(1)	Α	17,673	39,039	29.10	1,136	48,061	30.28	1,455	48,061	30.28	1,455			
	MJU-38/B TACAIR DECOY MJU-38/B TACAIR DECOY (IFF)	A A	14,511 1,257							13,130	33.00	433			
QA190	MJU-49/B DECOY DEVICE (2) MJU-49/B DECOY DEVICE (2/05 BTR) MJU-49/B DECOY DEVICE (IFF) (1)	A A A	29,414 3,612 7,885	110,179	127.91	14,093	148,886	132.19	19,681	112,320	136.25	15,304			
QA260	SM875B (TRAINING FLARE)	Α	6,985	158,005	14.24	2,250	200,000	12.50	2,500	200,000	12.50	2,500			
QA210	MJU-50 (1X1 Pyrophoric)	Α	1,205												
QA200	MJU-52 BOL IR	Α	14,242												
QA225	MJU-55 Companion	Α	3,141	26,520	178.10	4,723	37,000	121.90	4,510	35,000	121.90	4,266			
QA230	MJU-57 Kinematic	Α	5,634	20,000	355.10	7,102	37,000	182.30	6,745	35,000	182.30	6,381			
QA240	MJU-61 (Title IX FY04 only)	Α	1,620	74,414	26.03	1,937				33,600	28.00	941			
QA245	MJU-64 (Title IX FY04 only)	Α	7,560	46,453	108.77	5,053				33,600	115.00	3,864			
QA235	M206 (1X1) Magnesium	Α	343												
QA090	IMPULSE CARTRIDGES CCU-136A/A (HERO SAFE) CCU-136A/A (HERO SAFE) (IFF)	A A	16,597 339	995,520	4.24	4,221	818,750	3.99	3,267	818,750	3.99	3,267			
QA115	CCU-145A (Title IX in FY04)	Α	600	62,178	9.58	596	84,000	9.00	756	90,000	9.00	810			
	PAGE TOTAL		173,974			46,701			52,180			57,701			

<sup>\*</sup> Prior years include FY95 through FY04.

DD FORM 2446, JUN 86

3 (\$6211 MJU49, \$166 MJU32, \$123 AT&E P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 2

<sup>(1)</sup> Prior year funds include \$6.5M of FY03 appropriations which were not provided until after PRES06 was submitted (\$6211 MJU49, \$166 MJU32, \$123 AT&E)

<sup>(2)</sup> FY06 includes \$4500 of Title IX

#### **UNCLASSIFIED** CLASSIFICATION:

	WEAPONS SYSTEM COST ANALYSI P-5	IS				Weapon Sys							Februa	DATE: ry <b>2006</b>
PROCUE	PRIATION/BUDGET ACTIVITY REMENT OF AMMUNITION, NAVY & M Ammunition	MARINE C	ORPS/BA-1	Navy		ID Code	P-1 ITEM NON <b>01</b> 8			NDABLE C/M	I PROGRAM			
								TOTAL COST	IN THOUSA	NDS OF DOLL	LARS			
COST CODE	ELEMENT OF COST	ID Code	Prior Years*		FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	IMPULSE CARTRIDGES CONT'D BBU-35 (Title IX)	А	404											
QA010	CHAFF COUNTERMEASURES RR-129A CHAFF CM RR-129A CHAFF CM (IFF)	A A	13,879 570				253,440	7.99	2,025	230,400	7.99	1,841		
QA020	RR-144A TRNG CHAFF	А	4,701				76,800	8.20	630	76,800	8.20	630		
QA030	RR-170A CHAFF 1X1	А	73				22,680	4.00	91	22,680	4.00	91		
N/A	VARIOUS		38,344											
QA830 QA830	SUPPORT COSTS PRODUCTION ENGINEERING PRODUCTION ENG (Title IX) PRODUCT IMPROVEMENT		32,471 66 45,572			3,832 5,507			3,904 2,495			3,824 2,520		
QA860	ACCEPTANCE TEST & EVALUATION (1)		27,378			3,487			4,983			5,227		
QA800	ILS		4,385			1,122			970			1,101		
	P5 GRAND TOTAL	1	341,817			60,649			67,278			72,935		

<sup>\*</sup>Prior years include FY95 through FY04.

CLASSIFICATION:

**UNCLASSIFIED** 

<sup>(1)</sup> Prior year funds include \$6.5M of FY03 appropriations which were not provided until after PRES06 was submitted (\$6211 MJU49, \$166 MJU32, \$123 AT&E) P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 3

		BUDO	SET PROCURI	EMENT HISTORY AND PLA	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE <b>F</b>	ebruary 200	)6
B. APPROPRIAT	TION/BUDGET ACTI	VITY				C. P-1 ITEM NO	DMENCLATURE			SUBHEAD	,,,
PROCUREME	NT OF AMMUNI	TION, NAVY &	MARINE COR	RPS		018200,	AIRBORNE EXPENDABLE C/M PF	ROGRAM		Y1	QA
<b>BA-1 Navy Am</b>	nmunition										
Cost Element/ FISCAL YEAR		QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b>ACTIVE JAMN</b>	<u>IERS</u>										
AAED (ALE-50	))										
(DWCL)	FY 05	245	22,818.00	Robins AFB, GA	Jan-05	SS/FP	Raytheon, Goleta, CA	Apr-05	Jan-07	YES	
FOTD/IDECM (DWDQ)	FY 06	268	49,500.00	NAVAIR	Jan-04	SS/FP	BAE, Nashua, NH	Jun-06	Dec-07	NO	
(DWDQ)	FY 07	480	38,500.00	NAVAIR	Jan-05	SS/FP	BAE, Nashua, NH	Mar-07	Feb-08	NO	
INFRARED DE MJU-32/B ROT	ECOYS FARY WING DEC	COY									
(LA01)	FY 04	39,054	28.27	NICP Mechanicsburg	Dec-03	C/FP	Kilgore, Toone, TN	Jul-04	Jun-05	YES	
(LA01)	FY 05	39,039	29.10	NICP Mechanicsburg	Dec-04	C/FP	Kilgore, Toone, TN	Nov-04	Sep-05	YES	
(LA01)	FY 06	48,061	30.28	NICP Mechanicsburg	Dec-05	C/FP	TBD	Jun-06	Dec-06	YES	
(LA01)	FY 07	48,061	30.28	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-38/B TAC	AIR DECOY										
(LA02)	FY 07	13,130	33.00	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-49/B DEC (DWCI)	COY DEVICE FY 04 FY 04 (2/05 I	36,354 28,238	148.87 127.91	NSWC Crane, IN NSWC Crane, IN	Dec-03 Feb-05	SS/FP SS/FP	Alloy, Chester Township, PA Alloy, Chester Township, PA	Jul-04 Feb-05	Apr-05 Jan-06	YES YES	
(DWCI)	FY 05	110,179	127.91	NSWC Crane, IN	Dec-04	SS/FP	Alloy, Chester Township, PA	Jan-05	Jul-05	YES	
(DWCI)	FY 06	148,886	132.19	NICP Mechanicsburg, PA	Dec-05	SS/FP	Alloy, Chester Township, PA	Feb-06	Apr-06	YES	
(DWCI)	FY 07	112,320	136.25	NICP Mechanicsburg, PA	Oct-06	SS/FP	Alloy, Chester Township, PA	Feb-07	Mar-07	YES	
D. REMARKS											

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 4

# **UNCLASSIFIED**

		BUDG	ET PROCURI	EMENT HISTORY AND PLA	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE	ebruary 200	16
B. APPROPRIATION	N/BUDGET ACT	IVITY				C. P-1 ITEM NO	I DMENCLATURE			SUBHEAD	,,,
PROCUREMEN		TION, NAVY &	MARINE COF	RPS		018200,	AIRBORNE EXPENDABLE C/M PF	ROGRAM		Y1	QA
BA-1 Navy Amn	nunition	T	UNIT		I	CONTRACT	T	ı	DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR		QUANTITY	COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
INFRARED DEC		<u>))</u>									
SM875B TRNG (LA40)	FLARE FY 04	52,978	14.44	NICP Mechanicsburg, PA	Mar-04	C/FP	Kilgore, TN	Jul-04	Nov-04	YES	
(LA40)	FY 05	158,005	14.24	NICP Mechanicsburg, PA	Dec-04	C/FP	Kilgore, TN	Sep-05	Nov-05	YES	
(LA40)	FY 06	200,000	12.50	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	Jun-06	Nov-06	YES	
(LA40)	FY 07	200,000	12.50	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Nov-07	YES	
MJU-55 Compar											
(LA35)	FY 04	17,000	184.74	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	Jul-05	YES	
(LA35)	FY 05	26,520	178.10	CAAA, IN	Jun-05	C/FP	Crane Army Ammo Activity, IN	Jun-05	Jan-06	YES	
(LA35)	FY 06	37,000	121.90	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	Apr-06	Jan-07	YES	
(LA35)	FY 07	35,000	121.90	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Jan-08	YES	
MJU-57 Kinemat	ic										
(LA38)	FY 04	15,000	314.93	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	May-04	YES	
(LA38)	FY 05	20,000	355.10	CAAA, IN	Nov-04	C/FP	Crane Army Ammo Activity, IN	Nov-04	Aug-05	YES	
(LA38)	FY 06	37,000	182.30	NICP Mechanicsburg, PA	Jan-06	C/FP	Crane Army Ammo Activity, IN	Jun-06	Feb-07	YES	
(LA38)	FY 07	35,000	182.30	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	Jun-07	Dec-07	YES	
MJU-61 Mag/Tet											
(LA42)**	FY04	60,585	26.74	NICP Mechanicsburg, PA	Jan-05	C/FP	FRCM, Milan, TN	Mar-05	Jun-05	YES	
(LA42)	FY 05	74,414	26.03	NICP Mechanicsburg, PA	Jan-06	C/FP	FRCM, Milan, TN	May-06	Aug-06	YES	
(LA42)	FY07	33,600	28.00	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	Mar-07	Jun-07	YES	
D. REMARKS											

<sup>\*\*</sup> DOUBLE ASTERISK DENOTES TITLE IX FUNDS (FY04)

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 5

		BUD	SET PROCUPI	EMENT HISTORY AND PLA	ANNING EXI	HIRIT (P-5A)	Weapon System		DATE		
			JET FROCOKI	LWILNI HISTORI AND FLA		` '			F	ebruary 200	)6
_	TION/BUDGET ACT					C. P-1 ITEM NO				SUBHEAD	
	NT OF AMMUNI	IION, NAVY 8	MARINE COR	RPS		018200,	AIRBORNE EXPENDABLE C/M PF	ROGRAM		Y1	QA
BA-1 Navy Am	nmunition	T			ı		_	1			
Cost Element/		QUANTITY	UNIT COST	LOCATION	RFP ISSUE	CONTRACT METHOD	CONTRACTOR	AWARD	DATE OF FIRST	SPECS AVAILABLE	DATE REVISIONS
FISCAL YEAR		QUANTITY	COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
TIOONE TENT				31 1 33	DATE	Q 111 E	AND EGOMICIA	DATE	DELIVER	HOW	TWATERBEE
<b>INFRARED DE</b>	COYS (CONT'E	<u>)</u>									
MJU-64											
(LA43)**	FY04	66,196	114.20	NICP Mechanicsburg, PA	Jan-05	SS/FP	Alloy, Chester Township, PA	Mar-05	Jun-05	YES	
(LA43)	FY 05	46,453	108.77	NICP Mechanicsburg, PA	Jan-05	SS/FP	Alloy, Chester Township, PA	Jun-05	Aug-06	YES	
(LA43)	FY 07	33,600	115.00	NICP Mechanicsburg, PA	Jan-07	SS/FP	Alloy, Chester Township, PA	May-07	Nov-07	YES	
IMPULSE CAF	RTRIDGES										
CCU-136A/A (											
(WA83)	FY 04	777,600	3.34	NICP Mechanicsburg	Dec-03	C/FP	CAPCO, Grand Junction,CO	Jun-04	Sep-04	YES	
(WA83)	FY 04	345,600	3.70	NICP Mechanicsburg	Dec-03	C/FP	Hanley Industries, Alton, IL	Jun-04	Sep-04	YES	
ROYAL		1,123,200	0.90	NICP Mechanicsburg	Dec-03	3,11	CAPCO, Grand Junction,CO	Jun-04	N/A	N/A	
(WA83)	FY 05	995,520	4.24	NICP Mechanicsburg	Dec-04	C/FP	CAPCO, Grand Junction,CO	Aug-05	Sep-05	YES	
(WA83)	FY 06	818,750	3.99	NICP Mechanicsburg	Dec-05	C/FP	TBD	May-06	Sep-06	YES	
(WA83)	FY 07	818,750	3.99	NICP Mechanicsburg	Dec-06	C/FP	TBD	May-07	Sep-07	YES	
CCU-145A (HE (WB24)**	FY 04	60,000	10.00	NICP Mechanicsburg	Jun-05	C/FP	TBD	Feb-06	Mar-06	YES	
(WB24)	FY05	62,178	9.58	NICP Mechanicsburg	Jun-05	C/FP	TBD	Feb-06	Mar-06	YES	
(WB24)	FY 06	84,000	9.00	NICP Mechanicsburg	Jan-06	C/FP	TBD	May-06	Oct-06	YES	
(WB24)	FY 07	90,000	9.00	NICP Mechanicsburg	Jan-07	C/FP	TBD	May-07	Oct-07	YES	
BBU-35 (MG62)**	FY04	42,000	3.67	NICP Mechanicsburg	Oct-04	C/FP	Tech Ordnance, St. Boniface, MN	Oct-04	May-05	YES	
D. REMARKS	** 501151 5 4	07501014 05110	TEO TITLE IV. 1	TUNDO (E) (O ()							

\*\* DOUBLE ASTERISK DENOTES TITLE IX FUNDS (FY04)

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 6 CLASSIFICATION:

		BUDG	ET PROCURE	MENT HISTORY AND PL	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE <b>F</b>	ebruary 200	16
B. APPROPRIAT PROCUREME! BA-1 Navy Am	NT OF AMMUN	TIVITY IITION, NAVY &	MARINE COR	PS		C. P-1 ITEM NO <b>018200,</b>	DMENCLATURE AIRBORNE EXPENDABLE C/M PI	ROGRAM		SUBHEAD	QA
Cost Element/ FISCAL YEAR CHAFF COUN		QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
RR-129A CHAI (DWCF)	FF CM FY 04	198,720	7.99	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	Oct-04	Dec-04	YES	
(DWCF)	FY 06	253,440	7.99	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-06	Dec-06	YES	
(DWCF)	FY 07	230,400	7.99	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-07	Dec-07	YES	
RR-144A TRN( (DWCB)	G CHAFF FY 04	171,119	8.31	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-04	Dec-04	YES	
(DWCB)	FY 06	76,800	8.20	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-06	Dec-06	YES	
(DWCB)	FY 07	76,800	8.20	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-07	Dec-07	YES	
RR-170 CHAFF (LY07)	F 1X1 FY 06	22,680	4.00	NICP Mechanicsburg	May-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Jul-06	Jan-07	YES	
(LY07)	FY 07	22,680	4.00	NICP Mechanicsburg	May-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Jul-07	Jan-08	YES	
D. REMARKS											

D. REMARKS

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 7 CLASSIFICATION:

**UNCLASSIFIED** 

FY 2004 BUDGET PRO	DUC	TION	SCHEE	DULE,	P-21													DATE				Febi	ruary 2	006						
APPROPRIATION/BUDGET /	ACTIV	ITY												Weap	on Sys	tem		P-1 IT	TEM NO	MENC	LATUF	RE								
PROCUREMENT OF AMMUN	NOITIN	I, NAVY	& MAR	INE CO	ORPS/BA	A-1 Na	vy Am	nmuni	tion											01820	00, AI	RBOR	NE E	XPEN	IDAB	LE C	M PR	OGR <i>A</i>	M	
		•					P	roduct	tion Ra	te										rocur	ement l	eadtim	ies							
		M	anufactu	ırer's								Α	LT Pri	or	F	LT Aft	er		Initial			Reorde	r					Ur	nit of	
ltem		Nam	ne and Lo	ocation		MS	SR	1-	8-5	MA	λX	1	o Oct	1		Oct 1			Mfg PL	Γ		Mfg PL	Т		Total			Me	asure	
AAED (ALE-50)	Rayt	heon,	Goleta	, Ca		2	5	1	40	30	0					5						17			22				Ε	
FOTD/IDECM	BAE	, Nahs	sua, NH	1		TE	3D	TI	BD	TB	D					5						17			22				Е	
MJU-49/B	Alloy	, Ches	ster To	wnshi	p, PA	6.	12	6.	12	16.	00					8						6			14				K	
MJU-57	Name and Location   MSR   1-8-5   MAX															7						9			16				K	
MJU-64	Manufacturer's   Name and Location   MSR   1-8-5   MAX    -8-5   MAX   Sed   Ca   Ca   Ca   Ca   Ca   Ca   Ca    -8-5   MAX   Ca   Ca   Ca   Ca   Ca   Ca   Ca   C															7						9			16				K	
	JU-57         Crane Army Ammun. Activ.         1.0         3.0         4.0           JU-64         Alloy, Chester Township, PA         5.04         5.04         TBL           ITEM/MANUFACTURER         F         S         Q         D         B         2003         FIS           Y         V         T         E         A         O         N         D         J         F																						FISCAL Y	EAR 200	5					
ITEM / MANUFACTURER	Item													ALENDA	R YEAR	2004										AR 2005				
	Υ									F		Α	М	J	J	Α	S	0	N	D	J	F	M	Α	М	J	J	Α	S	B A
		C	Y	L	L	C T						P R	A Y	U N	U	U G	E P	C	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	Ĺ
AAED ALE-50 (RAYTHEON)	05																							Α						245.0
MJU-49/B (ALLOY)															Α									0.4	12	12	12			0.0
MJU-49/B (ALLOY)	05		110.2		110.2																Α						4	16	16	74.2
																			Α									3	3	14.0
,																							Α			0.4	3.2	3.4	5.0	54.2
MJU-64 (ALLOY)	05		46.4		46.4																					Α				46.4
	_	_		_						ı	FISCAL	YEAR 20											FISCAL Y							
TIEM / MANUFACTURER			Q T	_		0		_		-		Α	M C	ALENDA	R YEAR	2006 A	S	0	N	D	J	F	М	CALEN	IDAR YE	AR 2007		Α	S	В
	'		Y			C	0	E	A		Α	P	Α	U	U	U	E	С	0	E	A	E	A	Р	Α	U	U	U	E	A L
						T	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	
AAED ALE SO (DA)(THEON)	0.5		0.45		0.45																				4-					0.0
FOTD/IDECM (BAE)	06		268		268									Α				-			50	50	50	50	45					0.0 268.0
FOTD/IDECM (BAE)	06		480		480									А									Α							480.0
MJU-49/B (ALLOY)	05		110.2	36	74.2	16	16	16	16.0	10.2																				0.0
MJU-49/B (ALLOY)	06		148.9	- 50	148.9	10	10	10	10.0	Α		2.4	16	16	16	16	16	16	16.0	16	16	2.5								0.0
MJU-49/B (ALLOY)	07		112.3		112.3					,,			10		- '	10			10.0	10	- 10	A.	6.1	6.1	16	16	16	16	16	20.1
MJU-57 (CAAA)	05		20.0	6.0	14.0	3.0	3.0	3.0	3.0	2.0									1						1			1.		0.0
MJU-57 (CAAA)	06		37.0		37.0									Α								2.8	5.7	5.7	5.7	5.7	5.7	5.7		0.0
MJU-57 (TBD)	07		35.0		35.0																					Α				35.0
MJU-64 (ALLOY)	04		66.2	12.0	54.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	4.6																0.0
MJU-64 (ALLOY)	05		46.4		46.4											4.8	6.2	6.2	6.2	6.2	6.2	6.2	4.4							0.0

DD FORM 2445, JUL 87

311/244

Previous editions are obsolete

P-1 SHOPPING LIST ITEM NO.8 PAGE NO. 8 CLASSIFICATION: UNCLASSIFIED

EXHIBIT P-21 Production Schedule

FY 2004/2005 BUDGET PROD			HEDU	LE, P	-21							1	Wea	non	Sve	tom	DAT				orua								
APPROPRIATION/BUDGET AC							^~						vvea	pon	Sys	tem					ENC								
PROCUREMENT OF AMM							_						NE E	XPE	ND/	ABLE	C/N	I PR	OGR	RAM									
							Pro	ducti	ion R	Rate						cureme										_			
			nufact						_				T Pri			T After		Initia			eord								it of
Item		Name			on		SR	1-8		MA		to	Oct	1	(	Oct 1	N	lfg P	LT	M	fg Pl	LT		Tota	l				sure
AAED (ALE-50)									40 3D	30 TB	_					5					17			22		_		<u>E</u>	
FOTD/IDECM	D/IDECM BAE, Nahsua, NH TBD -49/B Alloy, Chester Township, PA 6.12 -57 TBD TBD															5	-				17			22		_		E	
MJU-49/B	-49/B Alloy, Chester Township, PA 6.12 -57 TBD TBD															8	-				6			14		_		K	
MJU-57	7 TBD															7	-				9			16		_		K	
MJU-64																7	_				9			16		_		K	
			ī														4												
									FI	SCAL	YEAF										FIS			2009					
ITEM / MANUFACTURER	F	S V	Q T	D	В		2007	ı .		1		(	CALEN	DAR	YEAR	2008						CA	ALENI	DAR YE	EAR 2	2009	1		В
	Y	C	T Y	E L	A L	0	N O	D	J	F	M	A P	M	J U	J	A S U E	O	N O	D	J	F	M	A P	M A	J	J	A U	S	A
						T	٧	E C	A N	E B	A R	R	A Y	N	L	U E G P	T	V	E C	A N	E B	A R	R	Y	N		G		L
																	$\mathbf{I}$									1			
																										-			
FOTD/IDECM (BAE)	06		268		268			60	60	60	60	28																	0.0
FOTD/IDECM (BAE)	07		480		480			- 00					60	60	60	60 60	46												0.0
MJU-49/B (ALLOY)	07		112.3	92.2	20.1	16	4.1								- 00	33 33	1												0.0
MJU-57 (TBD)	07		35.0		35.0			5.7	5.7	5.7	5.7	5.7	5.7	0.8															0.0
,	Î											EAR 2				Į.					FIS	CAL \	/EAR	2011	-				Î
ITEM / MANUFACTURER	F	S	Q	D	В		2009						CALEN	DAR	YEAR	2010	-							DAR YE	EAR 2	2011			
	Υ	V	Т	Е	Α	0	N	D	J	F	М	Α	М	J	J.	A S	0	N	D	J	F	М	Α	М	J	Ĺ	Α	S	В
		С	Υ	L	L	С	0	Е	A	E	Α	Р	Α	Ŭ	Ü	U E	С	0	Е	Α	Е	Α	Р	Α	U	Ŭ	U	Е	A L
						Т	V	С	N	В	R	R	Υ	N	L	G P	Т	V	С	N	В	R	R	Υ	N	L	G	Р	_
AAED ALE-50 (RAYTHEON)	05		0.0		0.0												1												0.0
FOTD/IDECM (BAE)	06		0.0		0.0												1												0.0
MJU-49/B (ALLOY)	05		0.0		0.0												1												0.0
MJU-49/B (ALLOY)	06		0.0		0.0																								0.0
	05		0.0		0.0																								0.0
MJU-57 (CAAA) MJU-57 (CAAA)	06		0.0		0.0														i l										

DD Form 2445, JUL 87 Previous editions are obsolete P-1 SHOPPING LIST CLASSIFICATION: UNCLASSIFIED

311 / 244 ITEM NO. 8 PAGE NO. 9 Exhibit P-21 Production Schedule

**UNCLASSIFIED** 

		E	BUDGET I	TEM JUST	TIFICATIO	N SHEET					DATE:	
			P-40								Februa	r <b>y 200</b> 6
APPROPRIATION/BUD	GET ACTIVI	TY			P-1 ITEM N	OMENCLAT	URE		•			
PROCUREMENT OF A	MMUNITION	, NAVY & MA	RINE CORF	PS\BA 1	019400, JE <sup>-</sup>	T ASSISTED	TAKE OFF	(JATOs)				
Program Element for Co	ode B Items:					Other Relate	ed Program	Elements				
	Prior Years	ID Code	FY 2005	FY 2006	FY 2009	FY 2010	FY 2011	To Complete	Total Program			
Quantity												
Cost (\$M)	\$42.0	А	\$4.5	\$4.5	\$4.6	\$4.8	\$4.8	\$4.9	\$5.1	Cont	Cont	

MISSION DESCRIPTION: The JATOs currently in production are the MK117 and MK125. JATOs are relatively small solid propellant rocket motors used to assist aircraft during takeoff, and launch target drones and Remotely Piloted Vehicles (RPVs).

Intended use: Two MK117s are used to launch one BQM 74C target. One MK125 is used to launch the Pioneer RPV.

Product Improvement: Safety and reliability product improvement to qualify alternative hardware.

**UNCLASSIFIED** 

BUDG	ET ITE	M JUSTI	FICATIO	N SHEE	T FOR AG	GREG	ATED ITE	MS			DATE:	
		P40	)-A								Febru	ary 2006
APPROPRIATION/BUDGET ACTIV	/ITY						P-1 ITEM	NOMENCL	.ATURE			-
PROCUREMENT OF AMMUNITION	N, NAVY	& MARINE	E CORPS\	BA 1			019400,	JET ASS	SISTED T	AKE OF	F (JATOs)	
Procurement Items	ID Code	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Program	
MK 117 MOD O ROCKET MOTOR (H341)												
Quantity	Α	6,029	433	602	732							
Funding		23,223	1,631	2,315	2,870							
MK 125 RATO (H311/HA19)												
Quantity	А	2,022	383	264	170							
Funding		10,267	1,884	1,323	869							
Other Costs		8,506	967	868	904							
Total P-1 Funding		\$41,996	\$4,482	\$4,506	\$4,643							

Notes: \*Rocket Assisted Take Off (RATO)

# **UNCLASSIFIED**

		BU	OGET ITEM JUST	TFICATION	SHEET				DATE:			
			P-4	0					Februa	ry 2006		
APPROPRIATION/B	BUDGET ACTIV	ITY				P-1 ITEM NO	MENCLATURE					
PROCUREMENT	T OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1				5"/54 GUN A	OITINUMM	N		
Program Element for	r Code B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. A	A1AC		BLIN: 0250	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST (In Millions)				\$23.1	\$26.1	\$24.5	\$26.6	\$26.3	\$26.6	\$27.2		

### **ITEM DESCRIPTION/JUSTIFICATION:**

5"/54 ammunition is fired from cruiser and destroyer type of combatant ships against air, surface, and shore targets. Program procures three types of propelling charges, five types of high-explosive projectiles, three specialty projectiles (includes the Ship Self-Defense KE-ET round), two pure training rounds and several ancillary rounds (dummy, gage and test). Program also supports newly developed multi-function fuze and multi-option fuze modernization.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING</u>: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

P-1 SHOPPING LIST

ITEM NO. 10 PAGE NO. 1

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

## **UNCLASSIFIED**

		BUI	OGET ITEM JUST	TIFICATION	SHEET				DATE:			
			P-4	10					Februa	ry 2006		
APPROPRIATION/E	BUDGET ACTIV	ITY				P-1 ITEM NO	MENCLATURE					
PROCUREMENT	T OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1				5"/54 GUN A	MMUNITIO	N		
Program Element fo	r Code B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. A	A1AC		BLIN: 0250	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$23.1	\$26.1	\$24.5	\$26.6	\$26.3	\$26.6	\$27.2		

### **CONTINUED:**

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

<u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

Of the amount shown above for FY06, \$511K was provided for the hurricane supplemental.

P-1 SHOPPING LIST

ITEM NO. 10 PAGE NO. 2

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

**UNCLASSIFIED** 

	WEAPONS SYSTE		NALYSIS			Weapon Sys	stem							DATE:	
	PRIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & M	P-5 ARINE CO	RPS/BA 1			ID Code <b>025000</b>	P-1 ITEM NON 5"/54 GUN SUBHEAD							Februa	ary 2006
			TOTAL COS	T IN THOUSA	NDS OF DOLL	_ARS	OODITEAD	NO. AIAO							
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2004			FY 2005			FY 2006		_	FY 2007	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5"/54 AMMUNITION COMPONENTS 5"/54 CHG, PROP, FULL, MK 67, 5"/54 PROJ, BLP/T PE/QA SMCA	D326 D349					25,734 18,480	349.73 295.56	9,000 5,462 13	26,559 20,976	591.99 283.39	15,723 5,944 8	28,821	654.02	18,850 8
AC830 AC850 AC893 AC894 AC895	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD								1,851 4,262 1,950 425 95			1,905 1,000 876 450 187			2,028 2,533 450 439 239
	L (PAGE 1 OF P5) 2446, JUN 86	P-1 SH	OPPING LIST						23,058			26,093 CLASSIFICATION			24,547

ITEM NO. 10

PAGE NO. 3

**UNCLASSIFIED** 

**UNCLASSIFIED** 

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET					C. P-1 ITEM NO				SUBHEAD	
PROCUREMENT OF A	OITINUMM	N, NAVY 8	MARINE CORPS/E	3A 1		AMMUNITION			A1	AC
					BLIN: 02500	00				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AC100										
5"/54 AMMUNITION COMPO										
5"/54 CHG, PROP, FULL, MK										
FY 2003	5236		JMC ROCK ISLAND	Oct-02	MIPR	MCALESTER AAP	Mar-04	May-07	YES	
FY 2005 FY 2006	25734		JMC ROCK ISLAND JMC ROCK ISLAND	Oct-04 Oct-05	MIPR MIPR	MCALESTER AAP UNKNOWN	Feb-05	May-07	YES YES	
FY 2006	26559			Oct-05 Oct-06			Mar-06	Jan-08	NO NO	Jul-06
F Y 2007	28821	054.02	JMC ROCK ISLAND	OCI-06	MIPR	UNKNOWN	Mar-07	Jan-09	NO	Jui-06
5"/54 PROJ, BLP/T D349										
FY 2004	18000		JMC ROCK ISLAND	Oct-03	MIPR	CRANE AAA	Jan-04	Feb-06	YES	
FY 2005	18480		JMC ROCK ISLAND	Oct-04	MIPR	CRANE AAA	Jan-05	Dec-06	YES	
FY 2006	20976	283.39	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Feb-08	YES	
I										
D. REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

ITEM NO. 10 PAGE NO. 4

Appropriation														Produ	ction	Sched	lule												Date	)					
Procurement An	mmunition Navy 8	k Mari	ine Co	rps																											Feb	ruary 2	006		
Budget Activity	·																		P-1	Item Non	nenclat	ure								Subl	nead N				
1 Navy Ammuni	nition																		5"/5	4 GUN AI	имим	TION								A1A	С				
			[ 5		Od	et 1				Fisc	al Year 2	2006									cal Year								Fisc	al Year 2008					
Cost Code	Item/Mfr	Prg Yr	/ / M	Pro Qt	g Acc	Bal		CY 05					Calend	dar Year	2006								Calend	dar Yea	r 2007	L				Caler	ndar Yea	r 2008			Later
Code	101111111	"	м ,	,   "	Prior	Due	Oct	Nov	Dec J	an Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov Dec	Jan Feb	Mar		May	Jun	Jul	Aug Sep	Oct	Nov Dec	Jan Feb	Mar Apr	May	Jun J	ul Au	Sep	,
					FY 06	FY 06										9							,			1.129									
AC100 D326 - 5"/54	54 CHG, PROP, FULL,	MK 67	UNIVE	RSAL																															
MCALESTE		03		1 5.:	2	5.2																	5.2												
MCALESTE			K N			25.7																	19.8	5.9											
UNKNOWN		06	K N	1 26	.6	26.6																	25.0 1.6												
UNKNOWN		07	K N	_		28.8																									28.8				
TOTALS				86		86.3			25.0 5.9												5.9					25.0 1.6						28.8			
TOTALO									25.0 5.9																										
				$\overline{}$			roduc	tion D	otoo													<u>-</u> .					- 1	Remarks:							
Manufactu	ure's Name and L			$\vdash$			Toduc	LIUITA	ales			R	eache	d					Pro	curement			1	·		T	l'	rtemants.							
Manuaciu	ule 5 Ivallie aliu Li	Ucalic	ווע		Min Sust			1-8-5		Max			D+								dmin Le			Ma		Total									
MCALESTER	DAAD			+	Oust				5000		-0000										rior	Aft			uring	After									
						7500				000 50000 1-Oct 1-Oct time 1-Oct																									
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Approp	oriation												Produ	ction S	Sched	dule												Date	е					
Procur	rement Ammunition Navy 8	<b>3</b> Ма	rine C	orps																												2006		
	t Activity																	P-1 It	em N	omenclatu	re									Subhead	No.			
1 Navy	Ammunition																	5"/54	GUN	AMMUNIT	ION									A1AC				
0		D	U S	3		ct 1				Fisc	al Year 2	2009								Fiscal Year	2010							Fis	cal Year	r 2011				
Cost Code	Item/Mfr	Prg Yr	U / M	e Pr	ty Acc	Bal	CY	08				Caler	ndar Year	2009								Calendar Yea	ar 2010							Calendar Ye	ar 2011			Later
				/	Prior	Due	Oct No	v Dec	Jan	Feb	Mar	Apr May	Jun	Jul	Aug	Sep Oct	Nov	Dec	Jan	Feb Mar	Apr	May Jun	Jul	Aug Sep	Oct	Nov Dec	Jan	Feb	Mar	Apr May	Jun	Jul Aug	Sep	
					FY 09	FY 09	)																											
AC100	D326 - 5"/54 CHG, PROP, FULL, I	MK 67	, UNIVE	RSAL																														
	MCALESTER AAP	03	K	N 5	5.2																													
	MCALESTER AAP	05		N 2	5.7 25.7																													
	UNKNOWN	06	K	N 20	6.6 26.6				25.0 3.8																									
	UNKNOWN	07	K	N 2	8.8	28.8			25.0 3.8																									
	TOTALS			86	6.3 57.5	28.8			25.0 3.8																									
						F	roduction	Rates			I	Dee-h						Proc	urem	ent Lead T	ime					Remarks:								
N	Manufacture's Name and Lo	ocati	on		Min		1-8	-5		Max		Reach	ea	Ī						Admin Le	ead T	ime Ma	nu-	Total										
					Sus			-	<u> </u>			Prior After facturing After 1-Oct 1-Oct time 1-Oct												After										
	LESTER AAP					7500		25000			0000																							
UNKI	NOWN					7500	ס	25000	)	5	0000				nitial					5			22	27										
															Reord	der (Previo	us Sou	urce)		5			22	27										
									1		P-1 Item Shopping List Item No Page No																		J					
																						10		6										

Approp														Produ	ction	Schedule																Dat	te		Fe!		. 202	<u> </u>		
	ement Ammunition Navy &	Mar	ne C	orps														1 -	) 1 I±0	m Nia	omeno	dotura										1		C).L	Fet head N		/ 200	ь		
_	Activity																																			NO.				
1 Navy	Ammunition		_			Oct 1	_										Т	5	"/54 (		AMM													A1/					_	
Cost		Prg	U	S e Pr	oa		_		-		Fiscal	Year 2					ļ		-	- 1	Fiscal Y	ear 200									_	Fisi	cal Yea							
Code	Item/Mfr	Prg Yr	/ M	r C	ty Acc			CY 05						dar Yea	r 2006		_						Cale	endar Ye	ear 200	_				_	<u> </u>				endar Ye					Later
				٧	Prio	_		Nov	Dec	Jan F	eb	Mar	Apr May	Jun	Jul	Aug Sep	Oct	Nov I	Dec J	an Fe	eb M	lar A	pr Ma	/ Jun	Jul	Aug	Sep	o C	ct Nov	Dec	Jan	Feb	Mar	Apı	May	Jun	Jul	Aug	Sep	
					FY 0	6 FY 0	6																																	
AC100	D349 - 5"/54 PROJ, BLP/T																																							
	CRANE AAA	04		N 1		18.0	)			1	4.9	3.1																												
	CRANE AAA	05				18.5	5												14.9 3	.6																				
	UNKNOWN	06	Κ	N 2	1.0	21.0	)																									14.9	9 6.1							
	TOTALS			5	7.5	57.5	5			1-	4.9	3.1							14.9 3	.6												14.9	9 6.1							
																				+														1						
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									-																					-			-	-						
									-																					-			-	-						
							Produ	uction I	Rates										Procu	reme	ent Lea	ad Tim	ne						Rem	arks:										
Λ	Manufacture's Name and Lo	catio	on		Mi	n						$\neg$	Reach	ed									Time	M	lanu-	Т	Total	1												
					Su	st.		1-8-5		M	lax		D+								Prior		After	-	cturing		After													
CRAN	NE AAA					743	32		14860		41	620									1-Oct		1-Oct		ime		-Oct													
	NOWN					743	_		14860			620			1	Initial				-	5	$\vdash$	5	1	23		28	1												
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# **UNCLASSIFIED**

		BUI	OGET ITEM JUST	<b>TIFICATION</b>			DATE:					
			P-4	10						Februa	ry 2006	
APPROPRIATION/B	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT	Γ OF AMMUN	IITION, NAVY	& MARINE CORF	PS/BA 1				7	6MM GUN	OITINUMMA	N	
Program Element for	r Code B Items:				Other Related	Program Elen	nents					
SUBHEAD NO. A	A1AF		BLIN: 0265	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST (In Millions)				\$2.8								

### ITEM DESCRIPTION/JUSTIFICATION:

The 76MM caliber cartridge is a fixed round of ammunition for use in the MK 75 gun mount. Navy's primary use is against air targets, but it may be used against surface and short targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). The weapon system, the MK 75 gun mount and MK 92 fire control system, has been designated for use on guided missile frigates (FFG), and USCG high endurance and medium cutters. Program procures three types of high-explosive projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test).

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING</u>: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

BLIN 026500 Program was transferred to BLIN 026600 (Intermediate Caliber) starting with FY 06.

P-1 SHOPPING LIST

ITEM NO. 11 PAGE NO. 1

CLASSIFICATION:

**UNCLASSIFIED** 

# **UNCLASSIFIED**

		BU	DGET ITEM JUST	<b>IFICATION</b>	SHEET				DATE:			
			P-4	0						Februa	ry 2006	
APPROPRIATION/	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE			•	
PROCUREMEN	T OF AMMUN	IITION, NAVY	& MARINE CORP		7	6MM GUN	OITINUMMA	N				
Program Element for	or Code B Items:			Other Related	Program Elen	nents						
SUBHEAD NO.	A1AF		BLIN: 0265	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST												
(In Millions)				\$2.8								

### **CONTINUED:**

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

FY05 Budget Controls include \$1.697M Cost of War (COW).

P-1 SHOPPING LIST

ITEM NO. 11 PAGE NO. 2

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

**UNCLASSIFIED WEAPONS SYSTEM COST ANALYSIS** Weapon System DATE: P-5 February 2006 APPROPRIATION/BUDGET ACTIVITY ID Code P-1 ITEM NOMENCLATURE/SUBHEAD PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1 026500 76MM GUN AMMUNITION SUBHEAD NO. A1AF TOTAL COST IN THOUSANDS OF DOLLARS COST **ELEMENT OF COST** ID Prior FY 2004 FY 2005 FY 2006 FY 2007 CODE Code Years **Total Cost** Quantity Unit Cost Total Cost AF100 76MM AMMUNITION COMPONENTS C062 299.02 CTG, 76MM, BLP 5,675 1,697 PE/QA SMCA 13 AF830 PRODUCTION ENGINEERING 648 AF850 PRODUCT IMPROVEMENT AF893 RENOVATION COMPONENTS 407 AF894 GAUGE REQUIREMENTS 50 AF895 NON-STANDARD 30

SUBTOTAL (PAGE 1 OF P5)
DD FORM 2446, JUN 86 2,845 CLASSIFICATION: P-1 SHOPPING LIST

ITEM NO. 11

### **UNCLASSIFIED** CLASSIFICATION:

MENT HISTO	RY AND I	PLANNING EXHIBIT	Γ (P-5A)		Weapon System		A. DATE		
			•		, ,			February 20	006
T ACTIVITY									
AMMUNITIO	N, NAVY	& MARINE CORPS/	BA 1					A1	IAF
					00				
QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
10044 5675			Oct-02 Jun-05	MIPR MIPR	CRANE AAA CRANE AAA	Mar-03 Oct-05	Mar-06 Jul-07	YES YES	
	AMMUNITIO  QUANTITY  10044	QUANTITY UNIT COST	QUANTITY UNIT LOCATION OF PCO  10044 456.25 JMC ROCK ISLAND	AMMUNITION, NAVY & MARINE CORPS/BA 1  QUANTITY UNIT LOCATION OF PCO DATE  10044 456.25 JMC ROCK ISLAND Oct-02	AMMUNITION, NAVY & MARINE CORPS/BA 1  QUANTITY  UNIT COST  LOCATION OF PCO  REP ISSUE DATE  CONTRACT METHOD & TYPE	AMMUNITION, NAVY & MARINE CORPS/BA 1  QUANTITY  QUANTITY  UNIT COST  OF PCO  TOTAL CONTRACT METHOD AND LOCATION DATE  OC. P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION BLIN: 026500  CONTRACT METHOD AND LOCATION AND LOCATION AND LOCATION  OF PCO  MIPR  CRANE AAA	AMMUNITION, NAVY & MARINE CORPS/BA 1  QUANTITY  UNIT COST  OF PCO  REP ISSUE DATE  C. P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION BLIN: 026500  CONTRACT METHOD & TYPE AND LOCATION DATE  CONTRACTOR AWARD DATE  10044  456.25 JMC ROCK ISLAND  Oct-02  MIPR  CRANE AAA  Mar-03	AMMUNITION, NAVY & MARINE CORPS/BA 1  C. P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION BLIN: 026500  CONTRACT METHOD AND LOCATION DATE  10044  456.25 JMC ROCK ISLAND  Oct-02  MIPR  CRANE AAA  Mar-03  Mar-06	TACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA 1  QUANTITY  QUANTITY  UNIT COST OF PCO  REP ISSUE DATE  C. P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION BLIN: 026500  CONTRACT METHOD AND LOCATION METHOD AND LOCATION DATE  DATE  OF PCO  MIPR CRANE AAA  Mar-03  Mar-06  YES

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification: ITEM NO. UNCLASSIFIED

PAGE NO. 4

Appropiation	Later Sep
A Principal Pr	
Leg	
Figure   F	
HernMire Private Priva	
AFIRAL REPORT RE	Sep
AF100 C062 - CTG, 76MM, BLP	
JMC ROCK ISLAND         03         K         N         10.0	
JMC ROCK ISLAND 05 K N 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7	
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Production Rates Procurement Lead Time Remarks:	
Reached Reached	
Manufacture's Name and Location Min 1-8-5 Max D+ Admin Lead Time Manu- Total Prior After facturing After	
Tho And Idealing And	
JMC ROCK ISLAND 2300 7500 15000 1-Oct 1-Oct time 1-Oct	
UNKNOWN         2300         7500         15000         Initial         5         5         20         25	
Reorder (Previous Source)   5   5   20   25	
P-1 Item Shopping List Item No Page No	
11 5	

# **UNCLASSIFIED**

		BUI	OGET ITEM JUST	TIFICATION			DATE:					
			P-4	10						Februa	ry 2006	
APPROPRIATION/E	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT	T OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1				INTERMED	IATE CALIE	BER GUN AI	MMUNITION	
Program Element fo	or Code B Items:				Other Related	Program Elen	nents					
SUBHEAD NO.	A1AL		BLIN: 0266	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$0.0	\$1.4	\$5.7	\$9.8	\$12.6	\$14.4	\$16.6		

### **ITEM DESCRIPTION/JUSTIFICATION:**

The intermediate caliber cartridge is a family of fixed rounds of ammunition for use in shipboard intermediate caliber gun weapon systems (GWS). Navy's primary use for an intermediate caliber GWS will be to address both surface and air targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). Intermediate caliber GWS are currently employed on US Navy guided missile frigates (FFGs) and US Coast Guard Cutters. An intermediate caliber GWS is designated for use on the new Littoral Combat Ship (LCS) and DD(X) class of US Navy ships and the USCG National Security Cutter. The program procures both High Explosive service rounds as well as Target Practice and dummy rounds for this GWS.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING</u>: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

P-1 SHOPPING LIST

1

CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 12 PAGE NO. 1

**UNCLASSIFIED** 

## **UNCLASSIFIED**

		BUI	DGET ITEM JUST	TIFICATION			DATE:					
			P-4	10						Februa	ry 2006	
APPROPRIATION/BI	JDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
<b>PROCUREMENT</b>	OF AMMUN	IITION, NAVY	& MARINE CORF	S/BA 1				INTERMED	IATE CALIB	ER GUN AI	MOUTINUMN	
Program Element for	Code B Items:				Other Related	Program Elen	nents					
SUBHEAD NO. A	1AL		BLIN: 0266	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST												
(In Millions)				\$0.0	\$1.4	\$5.7	\$9.8	\$12.6	\$14.4	\$16.6		

### **CONTINUED:**

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

<u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

Of the amount shown above for FY06, \$143K was provided for the hurricane supplemental.

P-1 SHOPPING LIST

ITEM NO. 12 PAGE NO. 2

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

**UNCLASSIFIED** 

	WEAPONS SYSTE	M COST A -5	NALYSIS			Weapon Sys	tem							DATE:	ary 2006
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & M		RPS/BA 1			ID Code <b>026600</b>			SUBHEAD BER GUN AM	IMUNITION				T COTUC	ny 2000
			TOTAL COS	T IN THOUSA	NDS OF DOLL	LARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2004			FY 2005			FY 2006			FY 2007	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	INTERMEDIATE CALIBER GUN AMMUNI CART., 57MM, 3P MK295 CART., 57MM TP MK296 PE/QA SMCA	TION COMP BA22 BA23	PONENTS							1,096	516.33	566	1,880 510	2500.00 600.00	4,700 306
AL850 AL893 AL894	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD											720 50 43			627 96
SUBTOTA	L (PAGE 1 OF P5) 2446, JUN 86		OPPING LIST				0		0			1,379 CLASSIFICATION			5,729

DD FORM 2446, JUN 86 P-1 SHOPPING LIST ITEM NO. 12

PAGE NO. 3

# **UNCLASSIFIED**

BUDGET PROCUREN	MENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET	T ACTIVITY				C. P-1 ITEM NON	IENCLATURE			SUBHEAD	
PROCUREMENT OF	AMMUNITIO	N, NAVY 8	& MARINE CORPS/	3A 1	INTERMEDIA	ATE CALIBER GUN AN	MUNITION	1	A1	AL
					BLIN: 02660	0				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AL100										
INTERMEDIATE CALIBER ( CART., 57MM, 3P MK295 E		ION COMPON	NENTS							
FY 2007	1880	2500.00	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
CART., 57MM TP MK296 B										
FY 2006 FY 2007	1096 510		NSWC CRANE NSWC CRANE	Oct-05 Oct-06	CONTRACT CONTRACT	UNKNOWN UNKNOWN	Apr-06 Apr-07	Oct-07 Oct-08	YES NO	Jul-06
D. REMARKS										

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

ITEM NO. 12 PAGE NO. 4

Approp	riation													Produ	uction	Schedule													Date						
	ement Ammunition Navy 8	Ма	rine	Corps																												ruary	2006		
Budge	Activity																		P-1 I	em Nomenclatu	re										head	No.			
1 Navy	Ammunition																		INTE	RMEDIATE CAL	IBER GUN	I AMM	UNITIO	N						A1/	λL				
Cost		Dra	U	S Pr e g r Qi	۰ـــــ	oct 1				-	iscal Ye	ear 2006								Fiscal Year	2007								Fiscal Yea	ar 2008					
Code	Item/Mfr	Prg Yr	U / M	r Qı	Acc			CY 05					Caler	ndar Yea	ar 2006						Cale	ndar Yea	r 2007		,						ndar Yea				Later
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					FY 06	FY 06																													
AL100	BA22 - CART., 57MM, 3P MK295	_																																	
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Approp	oriation													Pr	oduc	tion	Sched	ule													1	Date						
	ement Ammunition Navy &	Mar	ine (	Corps																															ruary 20	06		
Budge	t Activity																			F	9-1 Ite	m Nomenclatu	re											head	No.			
1 Navy	/ Ammunition																			11	NTER	MEDIATE CAL	IBER GUN	MMA P	UNITIC	N							A1,	٩L				
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Approp	oriation													Produc	ction S	Sched	lule													[	Date							
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1 Navy	Ammunition																			INTE	RMED	IATE	CAL	IBER	R GUN AM	MUNI	TION					А	1AL					
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	nt Ammunition Navy	& Ma	rine (	Corp	s																									Febi	ruarv	2006	;		
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1 Navy Amn	nunition																	INTE	RMEDIATE	E CALIBE	R GUN	AMMU	INITION						A1A	L					
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Cost Code	Item/Mfr	Prg Yr	/	e I	Prog Qty	Acc	Bal		CY 08				Calen	dar Year 2009	9						Calend	lar Year 2	2010						Cale	ndar Yea	ar 2011			Li	ater
		••	М	v		Prior	Due	Oct	Nov	Dec	Jan	Feb Mar	Apr May	Jun Jul	Au	ug Sep	Oct	Nov Dec	Jan Feb	Mar Ap	r May	Jun	Jul Aug	Sep O	ct No	/ Dec	Jan F	eb	Mar Apr	May	Jun	Jul	Aug	Sep	
					1	FY 09	FY 09																												
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### **UNCLASSIFIED**

		BUI	OGET ITEM JUST	<b>TIFICATION</b>	SHEET				DATE:			
			P-4	10						Februa	ry 2006	
APPROPRIATION/B	UDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
<b>PROCUREMENT</b>	OF AMMUN	IITION, NAVY	& MARINE CORF	PS/BA 1			ОТН	ER SHIP GU	JN AMMUNI	TION		
Program Element for	Code B Items:					Other Related	l Program Elen	nents				
SUBHEAD NO. A	1AG		BLIN: 0270	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST					40.							
(In Millions)				\$19.9	\$35.7	\$21.8	\$26.2	\$42.6	\$36.7	\$37.7		

#### ITEM DESCRIPTION/JUSTIFICATION:

The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM, 60MM mortars). This supports active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING</u>: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

P-1 SHOPPING LIST

ITEM NO. 13 PAGE NO. 1

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

### **UNCLASSIFIED**

		BUI	OGET ITEM JUST	TIFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2006	
APPROPRIATION/B	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
<b>PROCUREMENT</b>	Γ OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1			ОТН	ER SHIP GU	JN AMMUNI	TION		
Program Element for	r Code B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. A	A1AG		BLIN: 0270	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$19.9	\$35.7	\$21.8	\$26.2	\$42.6	\$36.7	\$37.7		_

#### **CONTINUED:**

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

<u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

FY05 Budget Controls include \$4.060M Cost of War (COW).

Of the amount shown above for FY06, \$551K was provided for the hurricane supplemental.

P-1 SHOPPING LIST

ITEM NO. 13 PAGE NO. 2

CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

## **UNCLASSIFIED**

	PROCUREMENT PROGRAM		VE COMPO	NENTS		Weapon Syste	em							DATE:	
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & N	-1R MARINE CO	DRPS/BA 1			027001	P-1 ITEM NON OTHER SH SUBHEAD	IP GUN AM						Februa	ary 2006
			TOTAL COS	T IN THOUSA	NDS OF DOLL										
COST CODE	ELEMENT OF COST	ID Code			FY 2004			FY 2005			FY 2006			FY 2007	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG000	OTHER SHIP GUN AMMUNITION						1,235		52	1,060		53	1,262		54
DD EOPM	2446, JUN 86	D.1 SH	0 OPPING LIST			0			52			53 CLASSIFICATIO			54

P-1 SHOPPING LIST DD FORM 2446, JUN 86 ITEM NO. 13 PAGE NO. 3

**UNCLASSIFIED** 

	WEAPONS SYST	EM COST A	NALYSIS			Weapon Sys	tem							DATE:	
		P-5												Februa	ary 2006
	PRIATION/BUDGET ACTIVITY REMENT OF AMMUNITION, NAVY & I	MARINE CO	RPS/BA 1			ID Code <b>027000</b>		MENCLATURE IP GUN AMI NO. A1AG							
			TOTAL COS	T IN THOUSA	NDS OF DOLL	_ARS									
COST	ELEMENT OF COST	ID	Prior		FY 2004			FY 2005			FY 2006			FY 2007	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG100															
	25MM CARTRIDGES CTG, 25MM, TP-T, M793 CART.,25MM HEI-T/SAPHEI-T LI	A976 AA98					100,000	44.90	4,490	198,000 126,885	14.76 44.16	2,923 5,603	235,015 143,500	15.39 44.88	3,617 6,440
	30MM CARTRIDGES CART., 30MM HEI-T/MP LKD	AA89					1,453	130.00	189	14,250	100.00	1,425			
	40MM GRENADE CARTRIDGES CTG., 40MM SERVICE F/MK19 (U CTG., 40MM, PRAC., M79 F/M203 CTG 40MM M583A1 CTG 40MM,M430 F/MK19	40RC B519 B535 B542					134,600 11,264 176,160	3.28 39.04 31.10	441 440 5,479	45,000 106,240	4.37 31.17	197 3,312	132,128 40,000	34.47 3.88	4,555 155
	CTG, 40MM, FIXED, PRAC., F/MK CTG, 40MM, BLANK, SAL (350&20 CTG, 40MM, 300 METER	B576 B650 WM30					156,288 7,992	15.23 38.98	2,379 312	8,010 50,000	107.52 22.46	861 1,123	8,010 50,000		887 1,141
AG200	20MM CARTRIDGES CART., 20MM ELC	AA61					228,750	21.34	4,883	708,700	25.62	18,157	145,123	26.03	3,778
	PE/QA SMCA-AG100 PE/QA SMCA-AG200								504			269			233
AG830 AG850	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS								741			900 340			942
AG893 AG894 AG895	GAUGE REQUIREMENTS NON-STANDARD											21 552			24
	I PAGE 1 OF P5-1) I 2446, JUN 86		OPPING LIST						19,858			35,683 CLASSIFICATIO			21,772

DD FORM 2446, JUN 86 P-1 SHOPPING LIST ITEM NO. 13

PAGE NO. 4

**UNCLASSIFIED** 

**UNCLASSIFIED** 

BUDGET PROCUREN	MENT HISTO	RY AND F	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON				SUBHEAD	
PROCUREMENT OF A	AMMUNITIO	N, NAVY 8	& MARINE CORPS/E	BA 1	OTHER SHIP	GUN AMMUNITION			A1	AG
					BLIN: 02700	0				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
AG100										
25MM CARTRIDGES										
CTG, 25MM, TP-T, M793 A9	76									
FY 2004	214775	10.98	JMC ROCK ISLAND	Oct-03	MIPR	GD-OTS	Jan-04	Mar-06	YES	
FY 2006	198000	14.76	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Jun-07	YES	
FY 2007	235015	15.39	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
CART.,25MM HEI-T/SAPHE	I EI-T LINKED AAS	98								
FY 2005	100000	44.90	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Mar-06	Feb-07	YES	
FY 2006	126885	44.16	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	YES	
FY 2007	143500	44.88	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
30MM CARTRIDGES										
CART., 30MM HEI-T/MP LK	-									
FY 2004	2404		NSWC CRANE	Oct-03	CONTRACT	ATK/NAMMO	Dec-05	Mar-07	YES	
FY 2005	1453		NSWC CRANE	Oct-04	CONTRACT	ATK/NAMMO	Sep-05	Mar-07	YES	
FY 2006	14250	100.00	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES	
40MM GRENADE CARTRID										
CTG., 40MM SERVICE F/MI		•								
FY 2007	132128	34.47	NSWC DAHLGREN	Oct-06	CONTRACT	UNKNOWN	Jan-07	Aug-08	NO	Jul-06
D. REMARKS										

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCUREMEN	NT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET AC					C. P-1 ITEM NO				SUBHEAD	
PROCUREMENT OF AM	IMUNITIO	N, NAVY 8	& MARINE CORPS/E	3A 1		IP GUN AMMUNITION			A1	AG
					BLIN: 0270	00				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100 CONTINUED										
40MM GRENADE CARTRIDGE	s									
CTG., 40MM, PRAC., M79 F/M2										
FY 2005	134600	3.28	JMC ROCK ISLAND	Oct-04	MIPR	AMTEC/BALIMOY	Jul-05	Aug-06	YES	
FY 2006	45000	4.37	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Apr-07	YES	
FY 2007	40000	3.88	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Apr-08	NO	Jul-06
CTG 40MM M583A1 B535										
FY 2005	11264	39.04	JMC ROCK ISLAND	Oct-04	MIPR	BALIMOY	Jul-05	Aug-06	YES	
CTG 40MM,M430 F/MK19 B542	2									
FY 2004	207008	22.05	JMC ROCK ISLAND	Oct-03	MIPR	AMERICAN ORDNANCE LLC	Oct-05	May-07	YES	
FY 2005	176160	31.10	JMC ROCK ISLAND	Oct-04	MIPR	AMERICAN ORDNANCE LLC	Dec-05	Jul-07	YES	
FY 2006	106240	31.17	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Aug-07	YES	
CTG, 40MM, FIXED, PRAC., F/N	MK19 B576									
FY 2005	156288	15.23	JMC ROCK ISLAND	Oct-04	MIPR	AMTEC	Jul-05	Apr-07	YES	
CTG, 40MM, BLANK, SAL (3508	<b>ا</b> 200 GRAM\$	S) B650								
FY 2005	7992	38.98	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-06	Jul-07	YES	
FY 2006	8010	107.52	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Jul-07	YES	
FY 2007	8010	110.76	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jul-08	NO	Jul-06
). REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
					_				February 20	06
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON				SUBHEAD	
PROCUREMENT OF A	AMMUNITIO	N, NAVY 8	MARINE CORPS/	BA 1	OTHER SHIF BLIN: 02700	P GUN AMMUNITION 0			A1	AG
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100 CONTINUED										
40MM GRENADE CARTRIDO CTG, 40MM, 300 METER WI										
FY 2006	50000	22.46	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Mar-06	Mar-07	YES	
FY 2007	50000	22.82	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Mar-07	Mar-08	NO	Jul-06
AG200										
20MM CARTRIDGES CART., 20MM ELC AA61										
FY 2004	271251	21.56	NSWC CRANE	Oct-03	CONTRACT	ATK	Feb-05	Oct-06	YES	
FY 2005	228750		NSWC CRANE	Oct-04	CONTRACT	ATK	Feb-05	Oct-06	YES	
FY 2006	708700	25.62	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Oct-07	YES	
FY 2007	145123	26.03	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Oct-08	NO	Jul-06
D REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

### **UNCLASSIFIED**

		BUI	OGET ITEM JUST	IFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2006	
APPROPRIATION/E	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMEN <sup>-</sup>	T OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1		SN	MALL ARMS	AND LAND	ING PARTY	AMMUNITION	NC	
Program Element fo	or Code B Items:					Other Related	Program Elen	nents				
SUBHEAD NO.	A1AH		BLIN: 0335	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$45.2	\$38.2	\$32.6	\$33.6	\$34.8	\$36.6	\$38.7		

#### **ITEM DESCRIPTION/JUSTIFICATION:**

This program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces including: mobile construction battalions (MCB), amphibious construction battalion (ACB) and fleet combat readiness groups, inshore undersea warfare groups and several other type operational units.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING</u>: Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

FY05 Budget Controls include \$20.959M Cost of War.

FY06 Budget Controls include \$2.4M provided in Title IX and \$631K provided in the hurricane supplemental.

P-1 SHOPPING LIST

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CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

### **UNCLASSIFIED**

		BUI	OGET ITEM JUST	TIFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2006	
APPROPRIATION/B	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
<b>PROCUREMENT</b>	COF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1		SN	MALL ARMS	AND LAND	ING PARTY	' AMMUNITIC	NC	
Program Element for	r Code B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. A	A1AH		BLIN: 0335	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$45.2	\$38.2	\$32.6	\$33.6	\$34.8	\$36.6	\$38.7		·

#### **CONTINUED:**

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

<u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

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CLASSIFICATION:

**UNCLASSIFIED** 

DD Form 2454, JUN 86

## **UNCLASSIFIED**

	PROCUREMENT PROGRAM - F P-1R		VE COMPON	IENTS		Weapon Syst	em							DATE:	ary 2006
	RIATION/BUDGET ACTIVITY  EMENT OF AMMUNITION, NAVY & MAR		RPS/BA 1			ID Code 033501	P-1 ITEM NON SMALL AR SUBHEAD	MS AND LA	/SUBHEAD .NDING PAR	ΓΥ AMMUNI	TION			rebiud	ary 2006
			TOTAL COST	Γ IN THOUSAI	NDS OF DOLL	ARS	1								
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2004			FY 2005			FY 2006			FY 2007	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH000	SMALL ARMS AND LANDING PARTY AMMU	NITION					612,385		1,067	155,963		68	162,844		71
			0						1,067			68			71

DD FORM 2446, JUN 86 P-1 SHOPPING LIST

CLASSIFICATION:
PAGE NO. 3

**UNCLASSIFIED** 

	WEAPONS SYSTE	M COST A	NALYSIS			Weapon Sys	tem							DATE:	
	P	-5												Februa	ary 2006
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MA	ARINE CO	RPS/BA 1			ID Code 033500			SUBHEAD  NDING PAR	TY AMMUNI	TION				
			TOTAL COST	T IN THOUSA	NDS OF DOLI	LARS	•								
COST	ELEMENT OF COST	ID	Prior		FY 2004			FY 2005			FY 2006			FY 2007	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100															
	SHOTGUN CARTRIDGES CTG, 12 GA, NO. 00 CTG,12 GA NO.9	A011 A017					1,804,160	0.35	631	1,000,000 70,000	0.36 0.19	360 14	2,001,920	0.38	761
	CTG, 12 GA, FRANGIBLE CTG, 12 GA WARNING MUNITION, CTG, 12 GA WARNING MUNITION,	AA86 LA51 LA52								190,000 190,000	7.75 7.75	1,473 1,473	440,000 200,000 200,000	0.54 7.87 7.87	238 1,574 1,574
	5.56MM CARTRIDGES CTG,5.56MM M855 CTG, 5.56MM, BLANK CTG.CAL.5.56MM, FRANGIBLE	A059 A080 AA40					2,750,160 430,920 535,920	0.24 0.12 0.46	660 52 247	8,500,800 3,360,720	0.24 0.12	2,040 403	4,020,240 2,462,400 325,080	0.29 0.14 0.50	1,166 345 162
	7.62MM CARTRIDGES CTG, 7.62MM BLNK CTG, 7.62MM, LKD, BALL AND TR CTG, 7.62MM, BALL, M80, LKD CTG, 7.62MM, LKD CTG, 7.62MM CTG, 7.62MM CTG, 7.62MM	A111 A131 A143 A165 AA04 AA37					7,009,600	0.54	3,785	510,400 8,050,400	0.38 0.54	194 4,347	600,000 5,000,000 1,000,000 1,500,000 80,000 120,000	0.33 0.63 0.76 0.51 2.12 0.77	198 3,150 760 765 170 92
	9MM CARTRIDGES CTG, 9MM, BALL CTG, 9MM, FX, MARKING, RED CTG, 9MM, FRANGIBLE CTG, 9MM, FX, MARKING, BLUE	A363 AA12 AA16 AA21					3,668,000 573,800	0.11 0.35	403 201	10,002,000 500,000	0.11 0.18	1,100 90	22,274,000 180,000 1,000,000 392,000	0.12 0.41 0.18 0.41	2,673 74 180 161
	MINES MINE, ANTIPERSONNEL M18A1/T48 RIOT CNTRL,CS	K143 K765											498 10,000	514.98 0.71	256 7
SUBTOTA	LL (PAGE 1 OF P5)								5.979			11,494			14,306
	2446, JUN 86	P_1 QU/	OPPING LIST		<u> </u>	1			5,979			11,494 CLASSIFICATION			14,300

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**UNCLASSIFIED** 

#### **UNCLASSIFIED** CLASSIFICATION:

	WEAPONS SYST	EM COST A P-5	NALYSIS			Weapon Syst	tem							DATE: Februa	ary 2006
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY &		RPS/BA 1			ID Code 033500	P-1 ITEM NON SMALL AR SUBHEAD	MS AND LA	SUBHEAD NDING PAR	TY AMMUNI	TION				
			TOTAL COS	T IN THOUSA	NDS OF DOL	LARS	•								
COST	ELEMENT OF COST	ID Code	Prior		FY 2004			FY 2005			FY 2006			FY 2007	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100	CONTINUED														
	.50 CAL CARTRIDGES CTG, .50 CAL, LKD, BALL CTG, .50 CAL, LKD & TRACER CTG, .50 LINKED CTG 50 211-0 CTG, .50 CAL, MK 211, APIT, M	A555 A557 A576 A606 AA06					6,692,600 2,932,400 2,906,200	1.98 2.34 6.14	13,251 6,862 17,844	200,000 4,000,000 6,439,400 14,880	2.45 2.24 2.39 9.41	490 8,960 15,390 140	500,000 5,173,600 1,001,600 7,920	2.49 2.42 2.77 9.57	1,245 12,520 2,774 76
AH350	GRENADES FUZE,DELAY M228	G878											3,960	3.96	16
	MATCH AMMO CTG, .22 CAL, BALL, LR, MATCH CTG., 5.56MM Match	A097 AA53								400,000	0.54	216	316,000 400,000	0.15 0.55	
	PE/QA SMCA								131			554			440
AH830 AH850 AH893 AH894	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS								750			800			821
AH895 AH350	NON-STANDARD MATCH AMMO								400 17			156			182
TOTAL	SUBTOTAL (PAGE 2 OF P5)								39255 45,234			26706 38,200			18341 32,647

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# **UNCLASSIFIED**

BUDGET PROCUREM	ENT HISTO	DRY AND I	PLANNING EXHIBIT	Г (P-5A)		Weapon System		A. DATE	February 20	06
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	I IENCLATURE			SUBHEAD	06
PROCUREMENT OF A		ON, NAVY	& MARINE CORPS/	BA 1	SMALL ARM	IS AND LANDING PART	Y AMMU			AH
					BLIN: 03350 CONTRACT	0		DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
AH100										
SHOTGUN CARTRIDGES CTG, 12 GA, NO. 00 A011										
FY 2004	2021760		JMC ROCK ISLAND	Oct-03	MIPR	Olin Corp	Mar-04	Nov-04	YES	
FY 2005	1804160		JMC ROCK ISLAND	Oct-04	MIPR	OLIN WINCHESTER	Dec-04	Mar-06	YES	
FY 2006	1000000		JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
FY 2007	2001920	0.38	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06
CTG,12 GA NO.9 A017										
FY 2006	70000	0.19	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
CTG, 12 GA, FRANGIBLE AA	<b> </b> 486									
FY 2003	436160	0.52	NSWC CRANE	Oct-02	CONTRACT	REMINGTON ARMS COMPAI	May-04	Apr-06	YES	
FY 2007	440000	0.54	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 12 GA WARNING MUN										
FY 2006	190000		NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	200000	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 12 GA WARNING MUN	 NITION, 200 N	METER LA52								
FY 2006	190000	7.75	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	200000	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS						<u> </u>		I		

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCUREM	ENT HISTO	ORY AND I	PLANNING EXHIBIT	Γ (P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	MMUNITIC	N, NAVY	& MARINE CORPS/	/BA 1	SMALL ARM	IS AND LANDING PART	Y AMMU	NITION	A1	AH
					BLIN: 03350	0				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
AH100 CONTINUED										
5.56MM CARTRIDGES										
CTG,5.56MM M855 A059										
FY 2002	2027760	0.21	JMC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-04	Nov-05	YES	
FY 2003	1364160		JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Sep-04	Nov-05	YES	
FY 2003	77280		JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Sep-05	Jun-06	YES	
FY 2004	2471280		JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Mar-04	Mar-05	YES	
FY 2005	2750160	0.24	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Mar-05	Apr-06	YES	
FY 2006	8500800	0.24	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	4020240	0.29	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 5.56MM, BLANK A080										
FY 2005	430920	0.12	JMC ROCK ISLAND	Oct-04	MIPR	GENERAL DYNAMICS ORD 8	Aug-05	Feb-07	YES	
FY 2006	3360720	0.12	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	2462400	0.14	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG.CAL.5.56MM, FRANGIE	I BLE AA40									
FY 2005	535920	0.46	NSWC CRANE	Oct-04	CONTRACT	OLIN WINCHESTER	Aug-05	May-06	YES	
FY 2007	325080	0.50	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
7.62MM CARTRIDGES										
CTG,7.62MM BLNK A111										
FY 2006	510400	0.38	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	600000	0.33	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

**UNCLASSIFIED** 

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON				SUBHEAD	
PROCUREMENT OF A	MMUNITIO	N, NAVY &	MARINE CORPS/E	3A 1	BLIN: 03350	IS AND LANDING PART\ 0	AMMUI	NITION	A1	AH
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
7.62MM CARTRIDGES										
CTG, 7.62MM, LKD, BALL AN										
FY 2003	53600		JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Mar-05	Sep-06	YES	
FY 2004	3424000		JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Jun-04	Nov-05	YES	
FY 2005	7009600		JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Dec-04	Sep-06	YES	
FY 2006	8050400		JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	1.1.00
FY 2007	5000000	0.63	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 7.62MM, BALL, M80, LF	 KD 4143									
FY 2007	1000000	0.76	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
1 1 2007	1000000	0.70	OWO ROOK IOLAND	001-00	IVIII IX	CIVICIVOVIV	1 65-07	1404-07	140	3ui-00
CTG, 7.62MM, LKD A165										
FY 2004	3181500	0.42	JMC ROCK ISLAND	Oct-03	MIPR	MULTIPLE CONTRACTORS	Feb-04	Aug-05	YES	
FY 2007	1500000	0.51	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG.,7.62MM AA04										
FY 2007	80000	2.12	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG, 7.62mm, SHORT RANG										
FY 2007	120000	0.77	ARDEC	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
OMM CARTRIDOEC										
9MM CARTRIDGES CTG, 9MM, BALL A363										
FY 2003	290000	0 11	JMC ROCK ISLAND	Oct-02	MIPR	OLIN WINCHESTER	Aug-05	Oct-05	YES	
FY 2005	3668000		JMC ROCK ISLAND	Oct-04	MIPR	OLIN WINCHESTER	Sep-05	Mar-06	YES	
FY 2006	10002000		JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	YES	
FY 2007	22274000	_	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06
501		0.12		201.00	IVIII IX		. 55 0,	, .ug 0,		541 00
D. REMARKS							1			

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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## **UNCLASSIFIED**

<b>BUDGET PROCUREM</b>	ENT HISTO	DRY AND I	PLANNING EXHIBI	Г (Р-5А)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	MMUNITIC	N, NAVY	& MARINE CORPS	/BA 1	SMALL ARM	IS AND LANDING PART	Y AMMU	NITION	A1	AH
					BLIN: 03350	0				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED										
9MM CARTRIDGES										
CTG, 9MM, FX, MARKING, F	RED AA12									
FY 2005	573800	0.35	NSWC CRANE	Oct-04	CONTRACT	CANADIAN COMMERCIAL	Aug-05	Jul-06	YES	
FY 2007	180000		NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Jan-08	NO	Jul-06
CTG, 9MM, FRANGIBLE AA <sup>,</sup>	 16									
FY 2006	500000	0.18	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	1000000		NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG, 9MM, FX, MARKING, E	BLUE AA21									
FY 2007	392000	0.41	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Jan-08	NO	Jul-06
MINES										
MINE, ANTIPERSONNEL M1	18A1/T48E3 K	(143								
FY 2007	498	514.98	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
RIOT CNTRL,CS K765										
FY 2007	10000	0.71	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Nov-07	NO	Jul-06
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD, BALL A	555									
FY 2006	200000	2.45	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	500000	2.49	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS					-			•	•	•

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCUREN	MENT HISTO	ORY AND I	PLANNING EXHIBIT	Γ (P-5A)		Weapon System		A. DATE		
									February 20	06
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	AMMUNITIC	N, NAVY	& MARINE CORPS/	'BA 1	SMALL ARI	<b>WS AND LANDING PART</b>	Y AMMU	NITION	A1	AH
					BLIN: 03350	00				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
AH100 CONTINUED										
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD & TRAC	CER A557									
FY 2004	951600	1.78	JMC ROCK ISLAND	Oct-03	MIPR	MULTIPLE CONTRACTORS	Mar-04	Sep-04	YES	
FY 2005	6692600	1.98	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Sep-05	Nov-05	YES	
FY 2006	4000000	2.24	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	5173600	2.42	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG,.50 LINKED A576										
FY 2005	2932400	2.34	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Aug-05	Jul-07	YES	
FY 2006	6439400	2.39	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	1001600	2.77	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG 50 211-0 A606										
FY 2006	14880	9.41	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	YES	
FY 2007	7920	9.57	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, .50 CAL, MK 211, AP	 T, M20 4 & 1 L	K AA06								
FY 2002	497200	6.03	JMC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Jul-05	YES	
FY 2003	1220200	5.89	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	May-04	Feb-06	YES	
FY 2003	5200	6.17	JMC ROCK ISLAND	Oct-02	MIPR	ALLIANT TECHSYSTEMS	Mar-05	Feb-07	YES	
FY 2004	1697000	5.90	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	May-04	Jul-06	YES	
FY 2005	2906200	6.14	JMC ROCK ISLAND	Oct-04	MIPR	ALLIANT TECHSYSTEMS	Sep-05	Feb-08	YES	
D. REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCUREMI	ENT HISTO	ORY AND I	PLANNING EXHIBIT	Г (Р-5А)		Weapon System		A. DATE	February 20	06
B. APPROPRIATION/BUDGET A		ON, NAVY	& MARINE CORPS	/BA 1	C. P-1 ITEM NON SMALL ARM BLIN: 03350	IS AND LANDING PAR	TY AMMU	•	SUBHEAD	AH
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100 CONTINUED  GRENADES FUZE,DELAY M228 G878 FY 2007  AH350  MATCH AMMO	3960	3.96	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Jan-08	NO	Jul-06
CTG, .22 CAL, BALL, LR, MA FY 2007	ATCH, RIFLE 316000		NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CTG., 5.56MM Match AA53 FY 2006 FY 2007	400000 400000		NSWC CRANE NSWC CRANE	Oct-05 Oct-06	CONTRACT CONTRACT	UNKNOWN	Apr-06 Apr-07	Apr-07 Apr-08	YES NO	Jul-06

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

### **UNCLASSIFIED**

		BUI	OGET ITEM JUST	TFICATION	SHEET				DATE:			
			P-4	0						Februa	ry 2006	
APPROPRIATION/E	BUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT	T OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1		PYROTECH	NICS AND D	<b>DEMOLITIO</b>	N MATERIAL	_		
Program Element fo	r Code B Items:			Other Related	Program Elen	nents						
SUBHEAD NO. A	A1AJ		BLIN: 0340	00								
	Prior Years	ID Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)				\$11.8	\$14.1	\$9.2	\$10.1	\$9.7	\$11.5	\$11.9		

#### ITEM DESCRIPTION/JUSTIFICATION:

This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups (formerly beachjumper unit (BJU's)) and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program.

Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signalling, identification, and location devices using flare or smoke as the primary signalling agent. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

P-1 SHOPPING LIST

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**UNCLASSIFIED** 

DD Form 2454, JUN 86

### **UNCLASSIFIED**

		BU	OGET ITEM JUST	TIFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2006	
APPROPRIATION/B	SUDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE			-	
<b>PROCUREMENT</b>	OF AMMUN	IITION, NAVY	& MARINE CORP	PS/BA 1			<b>PYROTECH</b>	NICS AND D	DEMOLITIO	N MATERIAL	_	
Program Element for	r Code B Items:				Other Related	Program Elen	nents					
SUBHEAD NO. A	\1AJ		BLIN: 0340	00								
	Prior	ID									То	
	Years	Code		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Total
QUANTITY												
COST												l
(In Millions)				\$11.8	\$14.1	\$9.2	\$10.1	\$9.7	\$11.5	\$11.9		<u> </u>

#### CONTINUED:

<u>PRODUCT</u> <u>IMPROVEMENT:</u> The requested funds provide engineering services and related efforts by the producing contractor of manufacturing installation. To extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

<u>RENOVATION</u> <u>COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

<u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

FY05 Budget Controls include \$1.276M Cost of War.

Of the amount shown above for FY06, \$374 was provided for the hurricane supplemental.

P-1 SHOPPING LIST

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CLASSIFICATION:

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DD Form 2454, JUN 86

## **UNCLASSIFIED**

APPROPRIATION/B PROCUREMENT O  COST CODE	P-1R UDGET ACTIVITY F AMMUNITION, NAVY & MARI	INE CO												F-1	
			RPS/BA 1			034001	P-1 ITEM NON PYROTECH SUBHEAD	INICS AND	/SUBHEAD DEMOLITION	N MATERIA	L			Februa	ary 2006
			TOTAL COST	T IN THOUSA	NDS OF DOLL		•								
	ELEMENT OF COST	ID Code	Prior Years		FY 2004			FY 2005			FY 2006			FY 2007	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ000 PYROTEC	CHNICS AND DEMOLITION MATER	RIAL					6,975		83	7,043		85	7,274		88
DD FORM 2446, JUN		D 4 6:::	0 OPPING LIST			0			83			85 CLASSIFICATIO			88

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**UNCLASSIFIED** 

	WEAPONS SYSTEM	COST A	NALYSIS			Weapon Sys	tem							DATE:	
	P-5	<u> </u>												Februa	ary 2006
	PRIATION/BUDGET ACTIVITY					ID Code		MENCLATURE							
PROCUR	EMENT OF AMMUNITION, NAVY & MA	RINE CO	RPS/BA 1			034000			DEMOLITIO	N MATERIA	L				
							SUBHEAD	NO. A1AJ							
			TOTAL COS	T IN THOUSA	NDS OF DOLL	ARS									
COST	ELEMENT OF COST	ID	Prior		FY 2004			FY 2005			FY 2006			FY 2007	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
			Total Oost	Quantity	Onit Cost	10141 0031	Quantity	OTHE COSE	10101 0031	Quantity	OTHE OOSE	101010031	Quantity	OTHE COSE	10101 0031
AJ100															
	SIGNALS														
	SIG, SMK ILLUM, MAR, MK124/13	L283					9,144	55.55	508	45,810	54.16	2,481			
	SIGNAL, KIT MK 189 MOD 0 SIG, SMK ILLUM, MAR, MK 117,	L564 LA26					708 998	35.03 1295.92	25 1,293						
	SIG, SIVIK ILLUW, WAR, WK 117,	LAZO					990	1295.92	1,293						
	TRAINING DEVICES														
	SIM, HAND GRENADE, M116	L601					4,050	13.04	53				4,000	8.99	36
	MINE CHARGES & CHARGE CUTTERS														
	CHARGE, LIDD, MK171	DWDN					1,706	137.83	235						
	CHG, DML, BLK, COMP C-4, 1.25	M023					19,500	16.29	318						
	CHG, DML, BLK, M118, PETN, 2L	M024 M035					1,435	102.01	146	1,065	102.01	109	4.500	457.00	220
	CHG, DML, BLK, CHAIN, 8-2.5 L CHG, ASSY, DML, M183/37	M757								1,500	585.27	878	1,500	157.03	236
	OTIO, AGGT, DIVIE, IVITOS/GI	IVI7 57								1,500	303.27	070			
						]									
						]									
CUDTOTA	AL (PAGE 1 OF P5)								2,578			3,468			074
	2446, JUN 86	D 1 CU/	OPPING LIST		<u> </u>	<u> </u>			2,578			CLASSIFICATION CLASSI			272

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**UNCLASSIFIED** 

### CLASSIFICATION: UNCLASSIFIED

**WEAPONS SYSTEM COST ANALYSIS** Weapon System DATE: P-5 February 2006 APPROPRIATION/BUDGET ACTIVITY ID Code P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL 034000 PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1 SUBHEAD NO. A1AJ TOTAL COST IN THOUSANDS OF DOLLARS COST **ELEMENT OF COST** Prior FY 2004 FY 2005 FY 2006 FY 2007 CODE Code Years **Total Cost** Quantity Unit Cost Total Cost Quantity Unit Cost Total Cost Quantity Unit Cost **Total Cost** Quantity Unit Cost Total Cost AJ100 CONTINUED DET CORDS, CAPS & FUZES ACCESSORY KIT, MK 34 MOD 0 **AFSK** 1,500 151.00 227 2,500 155.90 390 DETONATOR, DEL, 175MS, MK156 DWEJ 10,005 10.29 103 FIRING DEVICE, ACOUSTIC, MK 5 **DWES** 61 1431.20 87 1,225 1547.45 1,896 REMOTE FIRING DEVICE, MK 64 M DWFD 5.248 59.89 314 9.000 65.92 593 BREECH PLUG ASSEMBLY, TITANIU DWFL 1.660 111.77 186 CAP. BLASTING, ELECTRIC, MK 1 DWFP 23.650 60.40 1.429 25.750 69.90 1.800 CAP, BLASTING, ELEC, INERT M098 4,000 7.86 31 CAP, BLASTING, NON-ELEC, M7 M131 35,000 4.58 160 CORD, DETONATING, PRIMACORD, M456 1,092,000 0.42 454 FUZE, BLASTING, TIME M670 840,000 0.23 193 SQUIB, ELECTRIC, MK 20 MG61 17,000 71.67 1,218 RADIO FIRING DEVICE (RFD) MK ML06 64 19108.44 1,223 FIRING DEVICE, MK 59 MN44 103 760.19 78 DET. NON-EL, 50' DUAL, MK 153 MN51 138 54.83 FIRING DEVICE, MK 62 MN81 2.930 1250.00 3.663 **CUTTERS & CARTRIDGES** BOLT, EXPL, MK5/0 M254 48 10500.00 504 CTG, IMPULSE, MK 148 M663 100 466.78 47 CARTRIDGE ASSEMBLY MC91 100 1400.00 140 CTG. 50 CAL BLANK, ELEC, MK20 SS01 22.000 59.56 1.310 10.000 68.83 688 SHOCK TEST CHARGES CHARGE, SHOCK TEST, 60 LB XW65 525 1501.43 788 550 1111.65 612 550 1264.14 695 PE/QA SMCA 99 307 871 SUBTOTAL (PAGE 2 OF P5) 5890 7781 6443 TOTAL 8,468 11,249 6,715

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

### CLASSIFICATION: UNCLASSIFIED

		EM COST A P-5	NALYSIS			Weapon System								DATE: February 2006		
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & I	MARINE CO	RPS/BA 1			ID Code 034000			E/SUBHEAD  DEMOLITION	N MATERIA	L			•		
		ID Code	TOTAL COST	Γ IN THOUSA	NDS OF DOL	LARS										
COST CODE	ELEMENT OF COST		Prior FY 2004 Years			FY 2005			FY 2006			FY 2007				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	CONTINUED															
AJ850 AJ893 AJ894	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD								1,194 1,713 273 17 161			1,412 1,324 98 17			1,470 873 101 19 11	
TOTAL	SUBTOTAL (PAGE 3 OF P5)								3358 11,826			2851 14,100			247- 9,18	

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CLASSIFICATION:

## **UNCLASSIFIED**

<b>BUDGET PROCURE</b>	MENT HISTO	ORY AND I	PLANNING EXHIBI	T (P-5A)	Weapon System			A. DATE			
								February 2006			
B. APPROPRIATION/BUDG	ET ACTIVITY				C. P-1 ITEM NO	MENCLATURE					
<b>PROCUREMENT OF</b>	AMMUNITIC	N, NAVY	& MARINE CORPS	/BA 1	PYROTECH	NICS AND DEMOLITION	MATER	RIAL		A1AJ	
		ŕ			BLIN: 03400	0					
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100											
SIGNALS											
SIG, SMK ILLUM, MAR, M	1K124/13, DISTR	RESS L283									
FY 2002	798		JMC ROCK ISLAND	Oct-01	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES		
FY 2003	6264	45.52	JMC ROCK ISLAND	Oct-02	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES		
FY 2003	1728	42.34	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES		
FY 2004	34560	49.18	JMC ROCK ISLAND	Oct-03	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES		
FY 2004	11268	45.43	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES		
FY 2005	9144	55.55	JMC ROCK ISLAND	Jul-05	MIPR	PYROTECHNIC SPECIALTIE	Sep-05	Mar-07	YES		
FY 2006	45810	54.16	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES		
SIG, SMK ILLUM, MAR, M	I IK 117, GREEN	LA26									
FY 2000	361	1595.74	NSWC CRANE	Oct-99	CONTRACT	CRANE AAA	Mar-01	Mar-06	YES		
FY 2004	141	1595.74	NSWC CRANE	Oct-03	CONTRACT	CRANE AAA	Nov-04	Mar-06	YES		
FY 2005	98	1595.74	NSWC CRANE	Oct-05	CONTRACT	CRANE AAA	Dec-05	Mar-06	YES		
FY 2005	900	1262.14	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES		
TRAINING DEVICES	1440 1 004										
SIM, HAND GRENADE, M		40.04	IMC DOCK ICLAND	0-4-05	MIPR	UNKNOWN	Cor OC	Cor 07	VEC		
FY 2005 FY 2007	4050 4000		JMC ROCK ISLAND JMC ROCK ISLAND	Oct-05 Oct-06	MIPR	UNKNOWN	Sep-06 Sep-07	Sep-07 Sep-08	YES NO	Jul-06	
	4000	0.33	S.II.S NOON IDEAND	33, 00	WIII IX		30p 01	00p 00	110	- Gai 00	
D. REMARKS											

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

# **UNCLASSIFIED**

BUDGET PROCURE	MENT HISTO	ORY AND	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE			
								February 2006			
B. APPROPRIATION/BUDGE	T ACTIVITY				C. P-1 ITEM NON	MENCLATURE	SUBHEAD				
PROCUREMENT OF	<b>AMMUNITIC</b>	N, NAVY	& MARINE CORPS/	BA 1	PYROTECHI	NICS AND DEMOLITIC	RIAL		A1AJ		
					BLIN: 03400	0					
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100 CONTINUED											
MINE CHARGES & CHARG CHARGE, LIDD, MK171 DV											
FY 2001	4486	137.83	NSWC CRANE	Oct-00	CONTRACT	CRANE AAA	Jan-02	Jan-05	YES		
FY 2002	2406		NSWC CRANE	Oct-01	CONTRACT	CRANE AAA	May-02	Jan-05	YES		
FY 2005	1706		NSWC CRANE	Oct-04	CONTRACT	CRANE AAA	Jan-05	Feb-06	YES		
CHG, DML, BLK, COMP C-	<b>I</b> ∙4, 1.25/2.5LB M	1023									
FY 2005	19500	16.29	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Aug-06	Aug-07	YES		
CHG, DML, BLK, M118, PE	TN, 2LB M024										
FY 2005	1435		JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-06	Feb-07	YES		
FY 2006	1065	102.01	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES		
CHG, DML, BLK, CHAIN, 8-	-2.5 LB M035										
FY 2007	1500	157.03	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Feb-08	NO	Jul-06	
CHG, ASSY, DML, M183/37											
FY 2006	1500	585.27	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Apr-07	YES		
DET CORDS, CAPS & FUZ											
ACCESSORY KIT, MK 34 N		454.00	NOWO ODANE	I 00	CONTRACT	LINUCALOVACAL	A 00	A 0.7	VE0		
FY 2005 FY 2007	1500 2500		NSWC CRANE NSWC CRANE	Jan-06 Oct-06	CONTRACT CONTRACT	UNKNOWN UNKNOWN	Apr-06 Apr-07	Apr-07 Apr-08	YES NO	Jul-06	
1 1 2007	2500	155.90	INOVVO ORAINE	OCI-00	CONTRACT	CIAICIAOVVIA	Αρι-07	Αρι-06	INO	Jui-00	
D PEMARKS											

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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**UNCLASSIFIED** 

**UNCLASSIFIED** 

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBI		Weapon System	A. DATE				
							February 2006			
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE	SUBHEAD			
PROCUREMENT OF A	MMUNITIC	N, NAVY 8	MARINE CORPS	/BA 1	PYROTECHI	NICS AND DEMOLITION I	MATERIA	AL	A1AJ	
					BLIN: 03400	0				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
DET CORDS, CAPS & FUZES										
DETONATOR, DEL, 175MS, I										
FY 2007	10005	10.29	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
FIRING DEVICE, ACOUSTIC	 , MK 58 DWE	  S								
FY 2002	179	1351.94	NSWC CRANE	Oct-01	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jul-03	Sep-06	YES	
FY 2003	2060	1351.94	NSWC CRANE	Oct-02	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jul-03	Sep-06	YES	
FY 2003	321	1452.70	NSWC CRANE	Oct-02	CONTRACT	HI-SHEAR TECHNOLOGY CO	May-04	Mar-07	YES	
FY 2004	1074	1452.70	NSWC CRANE	Oct-03	CONTRACT	HI-SHEAR TECHNOLOGY CO	May-04	Mar-07	YES	
FY 2005	61	1431.20	NSWC CRANE	Oct-05	CONTRACT	HI-SHEAR TECHNOLOGY CO	Jan-06	Mar-07	YES	
FY 2007	1225		NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
REMOTE FIRING DEVICE, M	  K 64 MOD 0	) DWFD								
FY 2005	5248	59.89	NSWC CRANE	Jun-05	CONTRACT	SHOCK TUBE SYSTEMS, INC	Sep-05	Sep-06		
FY 2006	9000	65.92	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
BREECH PLUG ASSEMBLY,	I TITANIUM DI	 SRUPTER DV	VFL							
FY 2005	1660	111.77	NSWC CRANE	Feb-06	CONTRACT	UNKNOWN	Oct-06	Oct-07	YES	
CAP, BLASTING, ELECTRIC,	I , MK 17 MOD	1 DWFP								
FY 2004	18000	59.38	NSWC CRANE	Jul-05	CONTRACT	UNKNOWN	Feb-06	Feb-07	YES	
FY 2005	23650	60.40	NSWC CRANE	Jul-05	CONTRACT	UNKNOWN	Feb-06	Feb-07	YES	
FY 2007	25750	69.90	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
D. REMARKS	1	<u> </u>		ı	<u> </u>	I		1		

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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#### **UNCLASSIFIED** CLASSIFICATION:

COST Element/ FISCAL YEAR QUANTITY UNIT COST OF PCO DATE BATTER STEAD AND LOCATION OF PCO DATE AND LOCATION BATTER DELIVERY NOW AVAILABLE REVISION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DELIVERY NOW AND LOCATION DATE DATE DATE DATE DATE DATE DATE DATE	BUDGET PROCUREN		A. DATE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1   PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000										February 20	06
Second   Cost Element/   Cost   Cost Element/   FISCAL YEAR   QUANTITY   UNIT   COST   OF PCO   DATE   DATE   COST   CO	B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE		SUBHEAD		
Cost Element/ FISCAL YEAR QUANTITY UNIT COST LOCATION OF PCO RFP ISSUE DATE OF PCO AND LOCATION AT DATE OF SPECS AVAILABLE REVISION OF PCO AND LOCATION AND LOCATION AND LOCATION AND LOCATION DATE DELIVERY NOW REVISION AND LOCATION AND LOCA	PROCUREMENT OF A	AMMUNITIC	N, NAVY	& MARINE CORPS	/BA 1	PYROTECHI	NICS AND DEMOLITION	MATER	RIAL A		AJ
COST Element/ FISCAL YEAR QUANTITY UNIT COST OF PCO DATE METHOD CONTRACTOR AWARD DATE FIRST AVAILABLE REVISION OF PCO AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCO AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCO AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCO AND LOCATION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCO AND LOCATION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCO AND LOCATION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCOORD AND LOCATION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCOORD AND LOCATION AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCOORD AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DATE DELIVERY NOW AVAILABLE REVISION OF PCOORD AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION OF PCOORD AND LOCATION DATE DELIVERY NOW AVAILABLE REVISION DATE DELIVERY NOW APAILABLE REVISION DATE DATE DATE DATE DATE DATE DATE DATE					BLIN: 034000						
AJ100 CONTINUED  DET CORDS, CAPS & FUZES CAP, BLASTING, NON-ELEC, M7 M131 FY 2005 FY 2006 SQUIB, ELECTRIC, ME 2000 SQUIB, ELECTRIC, MK 20 MG61  DATE  OC-OS  DATE  & TYPE AND LOCATION DATE DELIVERY NOW AVAILA  AT 100 CONTINUED  AJ100 CONTINUED  CONTRACT UNKNOWN APr-06 Feb-07 YES  FEB-07 YES  APR-06 FEB-07 YES  MIPR UNKNOWN APR-06 FEB-07 YES											DATE
DET CORDS, CAPS & FUZES CAP, BLASTING, ELEC, INERT M098 FY 2006  A000  7.86 NSWC CRANE  Oct-05  CONTRACT  UNKNOWN  Apr-06  Feb-07  YES  CAP, BLASTING, NON-ELEC, M7 M131 FY 2005  35000  4.58 JMC ROCK ISLAND  Oct-05  MIPR  UNKNOWN  Apr-06  Feb-07  YES  CORD, DETONATING, PRIMACORD, PETN M456 FY 2003  912000  0.33 JMC ROCK ISLAND  Oct-04  MIPR  ENSIGN BICKFORD SIMSBU  Jun-05  Dec-06  YES  FY 2005  PY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  Jun-05  Dec-06  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  Jun-05  Dec-06  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  Jun-05  Dec-06  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  Jun-05  Dec-06  YES  FY 2004  MIPR  ENSIGN BICKFORD SIMSBU  May-04  Dec-05  YES  FY 2004  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  May-04  Dec-05  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  FY 2005  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  MIPR  UNKNOWN  MIPR  UNKNOWN  MIPR  ENSIGN BICKFORD SIMSBU  MAy-04  Dec-05  YES  MIPR  WINKNOWN  MIPR  UNKNOWN  MAy-04  Dec-05  YES  MIPR  MAY-06  PED-07  YES		QUANTITY									REVISIONS AVAILABLE
CAP, BLASTING, ELEC, INERT M098 FY 2006	AJ100 CONTINUED										
FY 2006	DET CORDS, CAPS & FUZ	 ES									
CAP, BLASTING, NON-ELEC, M7 M131 FY 2005 35000 4.58 JMC ROCK ISLAND Oct-05 MIPR UNKNOWN Apr-06 Feb-07 YES  CORD, DETONATING, PRIMACORD, PETN M456 FY 2003 912000 0.42 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU Jun-05 Dec-06 YES FY 2005 100000 0.43 JMC ROCK ISLAND Oct-05 MIPR UNKNOWN Jun-06 Jan-07 YES  FUZE, BLASTING, TIME M670 FY 2004 204000 0.23 JMC ROCK ISLAND Oct-03 MIPR ENSIGN BICKFORD SIMSBU Jun-06 Jan-07 YES  FY 2005 440000 0.23 JMC ROCK ISLAND Oct-03 MIPR ENSIGN BICKFORD SIMSBU May-04 Dec-05 YES FY 2005 440000 0.23 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU Sep-05 Jul-06 YES FY 2005 440000 0.23 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU Sep-05 Jul-06 YES FY 2005 440000 0.23 JMC ROCK ISLAND Oct-05 MIPR UNKNOWN Apr-06 Feb-07 YES  SQUIB, ELECTRIC, MK 20 MG61	CAP, BLASTING, ELEC, IN	ERT M098									
CORD, DETONATING, PRIMACORD, PETN M456 FY 2003	FY 2006	4000	7.86	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Feb-07	YES	
CORD, DETONATING, PRIMACORD, PETN M456 FY 2003 912000 0.33 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU Jun-05 Dec-06 YES Jun-05 Jun-06 Jan-07 YES FY 2005 1000000 0.43 JMC ROCK ISLAND Oct-05 MIPR UNKNOWN Jun-06 Jan-07 YES  FUZE, BLASTING, TIME M670 FY 2004 204000 0.23 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU UNKNOWN Jun-06 Jan-07 YES  FY 2005 440000 0.23 JMC ROCK ISLAND Oct-04 MIPR ENSIGN BICKFORD SIMSBU Way-04 Sep-05 Jul-06 YES WIPR ENSIGN BICKFORD SIMSBU Way-04 Sep-05 Jul-06 YES WIPR ENSIGN BICKFORD SIMSBU UNKNOWN Sep-05 Jul-06 YES WIPR ENSIGN BICKFORD SIMSBU UNKNOWN YES  SQUIB, ELECTRIC, MK 20 MG61	CAP, BLASTING, NON-ELE	I C, M7 M131									
FY 2003   912000   0.33 JMC ROCK ISLAND   Oct-04   MIPR   ENSIGN BICKFORD SIMSBU   Jun-05   Dec-06   YES   FY 2005   1000000   0.43 JMC ROCK ISLAND   Oct-05   MIPR   UNKNOWN   Jun-06   Jun-05   Jun-05   Dec-06   YES   Jun-05   Jun-06   J	FY 2005	35000	4.58	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
FY 2005   92000   1000000   0.42	CORD, DETONATING, PRI	I MACORD, PE	ΓN M456								
FUZE, BLASTING, TIME M670 FY 2004 FY 2005 FY 2004 FY 2005 FY 2006 FY 2006 FY 2006 FY 2007 FY 2	FY 2003	912000	0.33	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Jun-05	Mar-06	YES	
FUZE, BLASTING, TIME M670 FY 2004	FY 2005	92000	0.42	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Jun-05	Dec-06	YES	
FY 2004         204000         0.23         JMC ROCK ISLAND         Oct-03         MIPR         ENSIGN BICKFORD SIMSBU May-04         Dec-05         YES           FY 2005         440000         0.23         JMC ROCK ISLAND         Oct-04         MIPR         ENSIGN BICKFORD SIMSBU May-04         Sep-05         Jul-06         YES           FY 2005         400000         0.23         JMC ROCK ISLAND         Oct-05         MIPR         ENSIGN BICKFORD SIMSBU May-04         Sep-05         Jul-06         YES           SQUIB, ELECTRIC, MK 20 MG61         VES         VES         VES         VES         VES         VES	FY 2005	1000000	0.43	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jun-06	Jan-07	YES	
FY 2005	FUZE, BLASTING, TIME M	1 670									
FY 2005         400000         0.23 JMC ROCK ISLAND         Oct-05         MIPR         UNKNOWN         Apr-06         Feb-07         YES           SQUIB, ELECTRIC, MK 20 MG61         SQUIB Apr-06         Feb-07         YES         YES <t< td=""><td>FY 2004</td><td>204000</td><td>0.23</td><td>JMC ROCK ISLAND</td><td>Oct-03</td><td>MIPR</td><td>ENSIGN BICKFORD SIMSBU</td><td>May-04</td><td>Dec-05</td><td>YES</td><td></td></t<>	FY 2004	204000	0.23	JMC ROCK ISLAND	Oct-03	MIPR	ENSIGN BICKFORD SIMSBU	May-04	Dec-05	YES	
SQUIB, ELECTRIC, MK 20 MG61	FY 2005	440000	0.23	JMC ROCK ISLAND	Oct-04	MIPR	ENSIGN BICKFORD SIMSBU	Sep-05	Jul-06	YES	
	FY 2005	400000	0.23	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	YES	
FY 2006 17000 71.67 NSWC CRANE Oct-05 CONTRACT UNKNOWN Apr-06 Apr-07 YES	SQUIB, ELECTRIC, MK 20	MG61									
	FY 2006	17000	71.67	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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UNCLASSIFIED

# **UNCLASSIFIED**

BUDGET PROCUREM	ENT HISTO	ORY AND I	PLANNING EXHIBI	IT (P-5A)		Weapon System		A. DATE			
								February 2006			
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE		SUBHEAD			
PROCUREMENT OF A	MMUNITIO	N, NAVY	& MARINE CORPS	S/BA 1	PYROTECH	NICS AND DEMOLITION	MATERI	RIAL A		AJ	
					BLIN: 03400	0					
Cost Element/ FISCAL YEAR	QUANTITY UNIT COST		LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100 CONTINUED											
DET CORDS, CAPS & FUZE	 =S										
RADIO FIRING DEVICE (RF		-06									
FY 2002	97		NSWC CRANE	Oct-01	CONTRACT	ROTHENBUHLER ENG	Aug-02	Nov-05	YES		
FY 2003	24	18390.00	NSWC CRANE	Jun-05	CONTRACT	ROTHENBUHLER ENG	Jul-05	Dec-07	YES		
FY 2004	52	16939.42	NSWC CRANE	Oct-03	CONTRACT	ROTHENBUHLER ENG	Jan-05	Feb-07	YES		
FY 2005	64	19108.44	NSWC CRANE	Jun-05	CONTRACT	ROTHENBUHLER ENG	Sep-05	Dec-07	YES		
									YES		
FIRING DEVICE, MK 59 MN	44										
FY 2000	754		NSWC CRANE	Oct-99	CONTRACT	AMTEC	May-01	Dec-05	YES		
FY 2005	103	760.19	NSWC CRANE	Oct-04	CONTRACT	AMTEC	Apr-05	Dec-05	YES		
DET, NON-EL, 50' DUAL, MI	( 153 MN51										
FY 1998	7482	54 83	NSWC CRANE	Oct-97	CONTRACT	ENSIGN BICKFORD SIMSBU	Aug-99	Nov-02	YES		
FY 2005	138		NSWC CRANE	Oct-04	CONTRACT	ENSIGN BICKFORD SIMSBU	Jan-05	Apr-05	YES		
FIRING DEVICE, MK 62 MN	81										
FY 2006	2930	1250.00	NSWC CRANE	Nov-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES		
CUTTERS & CARTRIDGES BOLT, EXPL, MK5/0 M254											
FY 2005	48	10500.00	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES		
							-				
D. REMARKS											

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

**UNCLASSIFIED** 

BUDGET PROCUREME	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)						
							February 2006			
B. APPROPRIATION/BUDGET A					C. P-1 ITEM NON		SUBHEAD			
PROCUREMENT OF A	MMUNITIO	N, NAVY 8	& MARINE CORPS/E	BA 1	PYROTECHI	NICS AND DEMOLITIO	٩L	L A1AJ		
					BLIN: 03400	0				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
CUTTERS & CARTRIDGES CTG, IMPULSE, MK 148 M663										
FY 2006	100	466.78	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	YES	
CARTRIDGE ASSEMBLY MCS	91									
FY 2005	100	1400.00	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	YES YES	
CTG, 50 CAL BLANK, ELEC, N										
FY 2006	22000		NSWC CRANE	Nov-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	YES	
FY 2007	10000	68.83	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
SHOCK TEST CHARGES CHARGE, SHOCK TEST, 60 L	LB XW65									
FY 2005	205	1527.15	NSWC CRANE	Oct-04	CONTRACT	NSWC INDIAN HEAD	Nov-04	Nov-05	YES	
FY 2005	320	1484.95	JMC ROCK ISLAND	Oct-04	MIPR	CRANE AAA	Mar-05	Jan-06	YES	
FY 2006	550	1111.65	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Feb-07	YES	
FY 2007	550	1264.14	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jan-08	NO	Jul-06
D. REMARKS	<u> </u>									

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

UNCLASSIFIED

	BUDGET ITEM JUSTIFICATION SHEET													
	P-40													
APPROPRIATION/BUD	PPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE													
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 040000, AMMUNITION LESS THAN \$5 MILLIO														
Program Element for Co	ode B Items:			Other Related Program Elements										
	Prior Years ID Code FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 To Complete													
Quantity														
Cost (\$M)	\$14.7	Α	\$5.5	\$3.1	\$1.2	\$3.2	\$3.2	\$3.3	\$3.4	Cont	Cont			

#### MISSION DESCRIPTION:

This funding line provides for the procurement of both Marine Location Markers (MLM) and Aircraft Parachute Flares (APF).

MLM's include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include Search And Rescue (SAR) operations, Man Overboard drills and Target Marking. The MK 58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes which is visible for at least three miles under normal operating conditions.

Paraflares are free-falling flares designed to illuminate areas (either in visible or non-visible light) for strategic battlefield operations. The LUU-19 flare is a non-visible illuminating flare used for nightime battlefield illumination, drug interdiction and rescue missions. It can be deployed from aircraft wing-mounted racks, hand launched or from the SUU-25 launcher. The LUU-19 was developed to work with Night Vision Goggles. This enhances dramatically the capability of the U.S. Marine Corps to conduct covert night operations while eliminating the bright illumination that radiates from other flares.

The current budget profile provides funding for support efforts (PES, ILS), procurement of non-standard items, and renovation components to support procurement.

FY05 includes \$2.35M of supplemental funding.

**UNCLASSIFIED** 

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS												
		P40	)-A								Febru	uary 2006
APPROPRIATION/BUDGET ACTI	VITY			P-1 ITEM NOMENCLATURE								
ROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 040000, AMMUNITION LESS THAN \$5 MILLION												
Procurement Items ID Code Prior Years FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Complete Total Program												
MK58 MARINE LOCATION MARKERS												
Quantity	А	19,990	7,087	6,529	1,686							
Funding		6,270	2,170	2,612	688							
LUU-19												
Quantity	А		2,438									
Funding			1,950									
Other Costs		8,415	1,351	503	509							
_			_			_						
Total P-1 Funding		\$14,685	\$5,471	\$3,115	\$1,197							